

## **Historic, Archive Document**

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1920

M o r a i o ' s

Tested

Seeds,

Bulbs

and

Plants

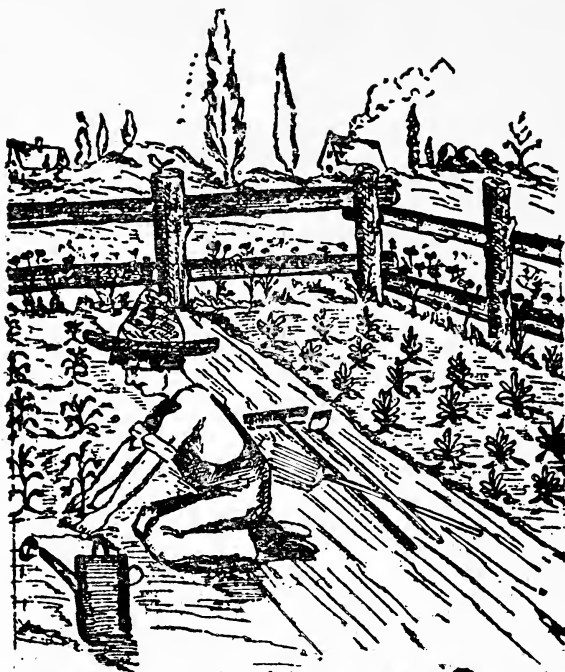


M o r a i o B r o t h e r s

Seedmen

64 Purchase St.,

Rye, N. Y.



## *Plant Morais's Seeds*

**W**E TAKE great pleasure in presenting you with our NEW CATALOG of SEEDS, PLANTS, FERTILIZERS and GARDEN SUPPLIES for 1920, and are pleased to report that regardless of the poor labor and weather conditions of the past season, we wish to announce that ALL our Seeds have been harvested in splendid condition, and we have a good supply of everything.

WE USE EVERY EFFORT POSSIBLE in the selection of our seeds and plants, and have omitted those varieties which repeated tests have shown to possess little or no value. All our seeds are of high germinating quality and true to name, and we feel justified in saying that they are the PUREST AND BEST to be found. WE TEST ALL OUR SEEDS IN OUR OWN GREENHOUSE.

All orders will have our personal supervision and will be shipped immediately upon receipt of same, but we will consider it a great favor if you will send us your order as soon as possible.

We wish to thank our many customers for their generous support in the past, and would greatly appreciate the names and addresses of friends whom you think would be interested in receiving our catalog. AGAIN WE THANK YOU.

**DELIVERY:**—A special feature of our business is that we deliver ALL ORDERS, no matter how small or large FREE OF CHARGE to any destination at prices quoted. We deliver at our option, either by auto, mail, express or freight.

**NON-WARRANTY**—While we send out only merchandise of highest quality, due to failures of unfavorable weather and planting conditions, we give no warranty, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and will not be in any way responsible for the crop. All orders for articles named in this catalog will be executed on these conditions only.

## MORAIO'S LAWN GRASS SEED

From a small beginning about seven years ago, when we first introduced grass seeds, their popularity has grown immensely, and the fact that their sales have nearly tripled each year, proves that there are none better to be had anywhere at any price. They contain only the very best re-cleaned grasses, and will produce a beautiful, rich, green sward in three to five weeks. Special prices will be quoted on ten bushels or more, also on car-load lots.

## HOW TO LAY DOWN A LAWN

From the middle of March to the middle of May is the most favorable time for laying down a lawn. Any soil where Potatoes or Corn will grow is suitable, since it is well that the soil be not too rich or the Grasses will grow too rapidly.

The ground should be thoroughly ploughed; harrowed and pulverized and brought to a smooth surface.

After sowing the ground should be rolled in order to press the seed firmly in the soil.

The sowing should be done when the ground is moist or before a rain-fall.

Grass seed may also be sown early in the Fall, but must be sown early enough to give the Grass a good strong growth before Winter sets in.

Every succeeding Spring the lawn should be gone over with a heavy roller, as the Winter frosts loosen the soil, and rolling is necessary to compress it again. It is well to roll frequently.

It is advisable to mow the lawn frequently, as it improves the Grass, both in vigor of root-growth and in fineness of texture.

It is not well to cut the Grass too close, especially in the hot Summer months when the roots need some shade to protect them from the burning sun.

A good top-growth is also necessary to protect the roots from the severe Winter frosts.

**CENTRAL PARK MIXTURE.**—This mixture is composed of Grasses permanent in character, and will produce a rich sward in three or four weeks from time of sowing. 1 lb. 40c., 5 lbs. \$1.65, 20 lbs. \$5.50, 100 lbs. \$25.

**EXCELSIOR LAWN SEED.**—We have given especial attention to this mixture, which will be found perfect in every detail. The Grasses used are selected with the purpose of producing a close turf of fine, even texture, which when once attained is permanent and beautiful (only the highest grade of grasses used in this mixture. 1 lb. 50c., 5 lbs. \$2.20, 20 lbs. \$8.00, 100 lbs. \$37.00.

**SHADY SPOT LAWN SEED.**—This mixture is designed for shady spots, where sufficient sun to grow the ordinary lawn mixtures does not reach. Positively the best mixture of its kind on the market. 1 lb. 55c., 5 lbs. \$2.60, 20 lbs. \$9.00, 100 lbs. \$44.00.

**Extra Re-cleaned White Clover.** 1 lb. 75c., 10 lbs. \$7.00. Price subject to change.

**PRICES ON ALL GOODS IN THIS CATALOG SUBJECT TO  
CHANGE WITHOUT NOTICE.  
SEND IN YOUR ORDER EARLY.**

## SEED POTATOES

ALL STOCK ESPECIALLY RAISED AND SELECTED IN AROOSTOOK COUNTY.

PRICE SUBJECT TO CHANGE.

### IMPROVED GREEN MOUNTAIN OR STATE OF MAINE

A reliable medium late Potato which is rapidly increasing in popularity—in fact in some sections it has superseded all other main crop varieties. It seems to thrive in all soils and in all localities, making heavy, healthy vines, and yielding big crops of large, smooth, white skinned tubers of handsome flattish oval form. It cooks white, dry and mealy, and has a desirable flavor exclusively its own. It keeps well, and is not liable to scab or decay. Peck \$1.25, bushel \$4.00, sack (165 lbs.) \$9.00.

### IRISH COBBLER POTATO

A fine, early variety, producing large handsome tubers, uniform in shape and size.

The flesh is white, and of excellent quality; the skin very light brown, with whitish netting. It is a heavy cropper. Peck \$1.25, bushel \$4.00, sack (165 lbs.) \$9.00.

### EARLY ROSE.

We sell more of this variety than of any other, as it is the leading early sort in almost all sections. The stock we furnish is northern grown and has been carefully grown. Peck \$1.25, bushel \$4.00, sack (165 lbs.) \$9.00.

### BOVEE.

Earlier than the Early Rose, and a much more productive variety. The vine is dwarf and stocky, skin pink or flesh color, presenting a fine appearance, and the quality is all that could be desired. Peck \$1.40, bushel \$4.50, sack (165 lbs.) \$9.50.

### OUR SEEDS.

Our seeds are secured direct from the growers. We do not buy from jobbing seed houses. Our contracts are placed in advance of the growing season and our seed is raised especially for us. Our growers go to the best sources of supply to have their crops grown. Remember that good seeds give good results and our seeds are the best obtainable.

## Vegetable Seeds

ALL PACKETS ARE 10c. UNLESS OTHERWISE NOTED.

### BEANS—GREEN PODDED VARIETIES.

2 POUNDS EQUAL TO 1 QUART.

#### EXTRA EARLY RED VALENTINE

Hardy, pods light green, and semi-transparent, round and slightly curved. Succulent, prolific, and quite free from strings, continuing long in an edible condition, 46 days from planting to first picking. Lb. 30c, 5 lbs. \$1.35.

#### BLACK VALENTINE.

This excellent variety is a great improvement over the old standard early Red Valentine, being one-third longer than that variety with pods perfectly round and straight and of excellent quality. It also has the additional advantage of being suitable for both early and late planting, and is extremely hardy. It will withstand early and late frost, is an excellent shipper, a large yielder, and of very handsome appearance. Lb. 30c, 5 lbs. \$1.35.

#### LONGFELLOW OR FRENCH STRINGLESS.

This perfectly round, green podded bean is tender and prolific, and is one of the best varieties for the home garden. The pods are of fine quality, nearly stringless and exceedingly handsome. In production, very prolific; exhibits a profusion of

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## MORAIO BROTHERS, RYE, N. Y.

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highly beautiful, soft green pods seven to eight inches long, straight and round. When cooked the flavor is exquisitely delicious. The plant grows 14 to 16 inches high (early 6 weeks) and ripens uniformly. Market gardeners give preference to this over other varieties. Lb. 35c, 5 lbs. \$1.50.

### **BOUNTIFUL.**

An improved "Long Yellow Six Weeks," producing more, better and larger pods, which are tender and of very fine quality. The plant is remarkably handsome and of thrifty growth, and is practically rust-proof. It is very hardy, extremely early, very prolific and bears continuously for several weeks. The pods are of larger size, broad, flat, extra long, very uniform in shape, solid, meaty, absolutely stringless and of delicious flavor. Lb. 30c, 5 lbs. \$1.35.

### **BURPEE'S STRINGLESS GREEN POD.**

This bean produces a vine similar to Red Valentine, but develops pods to an edible condition in 42 days, about four days earlier than Valentine. The pods are green, not quite so round as Valentine and less curved. The pods are stringless, absolutely so, this quality placing the variety at the top of the list among table beans. Lb. 35c, 5 lbs. \$1.50.

### **REFUGEE OR 1,000 TO 1.**

The vines are large, spreading, exceedingly hardy with small smooth leaves, and bear long cylindrical green pods of excellent quality. Highly esteemed for late planting and for use as Pickles. Lb. 30c, 5 lbs. \$1.35.

## **BEANS—WAX POD VARIETIES.**

### **IMPROVED GOLDEN WAX.**

Rust proof, an improvement on the old style Golden Wax. Pod is semi-round, yellow, of good quality and has no string. Ready for picking 47 days from planting. Lb. 35c, 5 lbs. \$1.75.

### **HODSON WAX**

Hodson Wax, the largest flat podded and surest rust proof wax bean. Pods straight, averaging 7 inches long, a very late but very vigorous vine, and the greatest yield we have ever seen. Lb. 35c, 5 lbs. \$1.75.

### **STRINGLESS REFUGEE WAX.**

A perfect Refugee, absolutely stringless, with wax pods. Pods long, round, and of a golden yellow color. One of the earliest, quality excellent, and is fit for picking 57 days from planting. A very fine cooking bean. Lb. 35c, 5 lbs. \$1.75.

## **BEANS—SHELL VARIETIES.**

Most of these have a tendency to send outrunners or trailers.

The varieties in this class are grown largely for use in the dry state during winter. There is no crop which may be more profitably grown in the home garden. They require but little care and the crop may be easily shelled after drying by beating the pods while still on the plant against the inside of a barrel. It is advisable to sow these before June 25th in order to insure a long ripening season.

### **WHITE MEDIUM.**

Probably the most popular of all. It is equally valuable for cultivating in the home garden or in the field. It shells easily. Lb. 30c, 5 lbs. \$1.35.

### **WHITE NAVY.**

Very similar to White Marrow in every respect excepting that the seeds are only about two-thirds the size, and preferred by many for that reason. Lb. 30c, 5 lbs. \$1.35.

### **WHITE KIDNEY.**

The beans are larger and longer than the marrow. Quality excellent. Lb. 30c, 5 lbs. \$1.35.

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## BEANS—POLE OR RUNNING.

These are of strong running growth, and need stout poles on which to climb. They require a longer season in which to mature than do the bush varieties, but by reason of their stronger growth are more productive, and, growing on poles, are more easily gathered. Several varieties are desirable as shell-beans.

### KENTUCKY WONDER OR OLD HOMESTEAD.

The long pods are so fleshy that they are greater in thickness than breadth. Solidly meaty, stringless when young, finest quality. If pods are gathered as they mature the vines will continue to bear to the end of the season. Lb. 35c, 5 lbs. \$1.75.

### HORTICULTURAL POLE.

An old and well known variety, hardy, very productive, good flavor of the beans when shelled. The flat, long pods are streaked with carmine. Lb. 35c, 5 lbs. \$1.75.

### GOLDEN CLUSTER WAX.

Extra strong in growth and very productive. The pods are of large size, seven to eight inches long by three-quarters of an inch wide. Although flat, the pods, of a rich, golden yellow, are stringless and of excellent flavor. The seeds are white. Lb. 45c, 5 lbs. \$2.00.

## DWARF, or BUSH LIMA BEANS.

### CULTURE.

Select land that is especially warm, rich and well supplied with vegetable fibre or humus. Plant eye downward and two inches deep as soon as the soil becomes warm in the spring. Make the rows 2 feet apart and give to each plant 6 inches space in the row. A top dressing of poultry manure, ashes, or some good fertilizer or compost around the plants will be of much benefit in hastening maturity and increasing the yield. One pound will plant 50 feet of row.

### BURPEE'S BUSH LIMA.

This variety was one of the first of the Bush Lima Beans to be introduced. It is a bush form of the well known Large White Lima, very productive and of good quality. Lb. 40c, 5 lbs. \$1.85.

### FORDHOOK BUSH LIMA.

Is altogether unique and has created the greatest "sensation" of any vegetable ever presented. It was created by Nature as a single sport in a field of the Challenger Pole Lima in 1903. Nearly double the size of Potato Bush or Dreer's Bush Lima. Lb. 40c, 5 lbs. \$1.85.

### HENDERSON'S BUSH LIMA. (Dwarf Sieva Bean.)

Very productive, bearing continuously throughout the Summer. Beans of good quality but small. Lb. 40c, 5 lbs. \$1.85.

## POLE LIMA BEANS.

### CULTURE.

Pole Limas do best in a sandy loam, and if season is suitable, may be planted about May 1st. Set the poles about 4 feet apart each way and plant 4 to 6 beans, eye downward around each pole, and when plants are up, thin out to three plants to a pole. Pinch off the ends when plants over-run the top of the poles. It is well to use a shovelful of rich, light, well-rotted compost to each hill. One pound of seed will plant 75 to 100 hills.

### EARLY LEVIATHAN LIMA.

The pods are long and contain from 4 to 5 long beans, which are flat in shape, of good size and excellent quality.  $\frac{1}{2}$  lb. 25c, lb. 40c, 5 lbs. \$1.85.

### LARGE WHITE LIMA.

Vines tall, vigorous, but slender; leaves medium size, smooth, medium green. Pods borne in clusters, five to five and one-half inches long, broad, very thin, med-



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ium green. Seed very large, ovoid, flat, white with slight tinge of green.  $\frac{1}{2}$  lb. 25c, lb. 40c, 5 lbs. \$1.85.

### CHALLENGER. OR "POTATO" LIMA.

The pods produced are quite thick through and contain 3 to 5 thick beans.  $\frac{1}{2}$  lb. 25c, lb. 40c, 5 lbs. \$1.85.

### KING OF THE GARDEN LIMA.

Pods medium, 5 to 6 inches long, broad, flat, filled with 4 or 5 immense white beans of finest quality.  $\frac{1}{2}$  lb. 25c, lb. 40c, 5 lbs. \$1.85.

### SCARLET RUNNER.

In northern locations, where the summers are cool and short, this takes the place of the Large Lima Beans. Plants are of strong, quick growth, bearing large sprays of bright scarlet, pea-like flowers. When fully ripened, the dry beans are of bright scarlet, heavily blotched with purple.  $\frac{1}{2}$  lb. 25c, lb. 40c, 5 lbs. \$1.85.

## GARDEN OR TABLE BEETS.

### CULTURE.

Seed should be sown the latter part of April. The ground should be spaded well and deep, placing rows about 18 inches apart, and the drills 1 inch deep. Cover the seed carefully and firm in the ground by walking over the drills. When seedlings appear about 3 inches above ground thin out to about 4 inches between the plants so as to give ample room for the proper development of the bulbs. Beets are best for pulling when about 2 inches in size. Successive sowings may be made up to the middle of July.

### EARLY CROSBY'S EGYPTIAN. (Original.)

Roots are smooth and round in form; of finer quality than the regular Egyptian, combined with same extra-early maturity. Packet, 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00.

### DETROIT DARK RED.

Probably the best of the larger sorts. It succeeds equally well at all seasons, and is one of the best to sow in early spring, to succeed the extra early and medium crop sorts. It may be sown about August 1st (in this vicinity) for a crop to store for winter. The flesh is solid, always tender, of good flavor and excellent color. Packet 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$2.00.

### EARLY ECLIPSE.

Perfectly smooth and round, and has a small top; skin and flesh intense red. This variety is one of the first to be ready for the table. It does not grow to large size, but is desirable for its earliness and sweet, tender quality. Packet 10c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50.

### EARLY BLOOD TURNIP.

A fine selection, early and also good for summer and autumn use. It is very sweet and tender. Packet 10c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50.

### EARLY WONDER.

A fine selection of early blood-red Beet, extremely smooth, fine rich color and desirable shape. It is globe-shape, color of flesh a rich blood-red and of excellent quality, being sweet and tender. The tops are quite small, making it a good variety for forcing in hotbed. Packet 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50.

## MANGEL BEETS—For Stock Feeding.

### MAMMOTH PRIZE LONG RED.

This is the heaviest cropping and largest of all mangels. The roots grow from one-half to two-thirds above the surface and are frequently two or more feet in length by six inches in diameter. Dark, richly colored foliage, skin bright dark red; flesh white with veined rings of rose-pink. Oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.

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### **GOLDEN TANKARD.**

A smooth, yellow-fleshed mangel; the roots are of large diameter, tapering quickly at the bottom, which is quite broad, with only a small tap-root. It grows largely above the soil, and is easily harvested. It yields an enormous bulk on good land, and can be grown closely in rows. Oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. 90c.

### **BROCCOLI**

This vegetable is used in the same manner as Cauliflower and the method of culture is the same. It thrives best in rich soil and during cool weather, and is greatly aided in its growth by frequent hoeing and watering. Sow seed in hot-bed in January or February and transplant into cold frames; 2 or 3 inches each way. Set out in open ground early in spring, about  $2\frac{1}{2}$  feet apart.

### **WHITE CAPE.**

Large, compact heads of a creamy white color and of good flavor. Packet 10c, oz. 50c,  $\frac{1}{4}$  lb. \$1.50.

### **BRUSSELS SPROUTS.**

#### **CULTURE.**

Sow seeds for plants in frames or open ground. Set plants in early spring, and for succession up to July, making rows 3 feet apart and having the plants stand  $1\frac{1}{2}$  to 2 feet apart in the row; Cultivate same as Cabbages. Packet 10c, oz. 35c,  $\frac{1}{4}$  lb. \$1.25.

### **CABBAGE.**

Our cabbage seeds are all grown from the most carefully selected stocks, and we have no hesitation in saying that they are as reliable to produce good crops as any seeds that can be found on the market. Sow seeds in March in hot-beds, and transplant latter part of April or early in May to open ground or an early sowing in open ground can be made as soon as weather will permit. Set the plants in rows 2 feet apart, and 12 to 18 inches apart in the row.

#### **EARLY JERSEY WAKEFIELD.**

A leading early variety, a sure header and one of the best for private or market gardener's use; conical shape and good quality. Our strain of this variety is exceptionally fine. Packet 10c, oz. 45c,  $\frac{1}{4}$  lb. \$1.50.

#### **DANISH BALL HEAD (Hollander.)**

This extra hard heading variety of Cabbage originated in Denmark. It is a medium or late variety, but is mostly used as a winter Cabbage. Medium size, round head and a fine keeper. Packet 10c, oz. 60c,  $\frac{1}{4}$  lb. \$2.00.

#### **AUTUMN KING OR WORLD BEATER.**

Heads large size, solid, good quality and keep well. Packet 10c, oz. 45c,  $\frac{1}{4}$  lb. \$1.50.

#### **PREMIUM FLAT DUTCH.**

This is the finest strain of late Flat Dutch Cabbage on the market. The heads are flat and grow remarkably large, even, and very solid. Packet 10c, oz. 40c,  $\frac{1}{4}$  lb. \$1.25.

#### **MAMMOTH ROCK RED.**

This is the largest variety of Red Cabbage, and produces heads which are remarkably solid, more so than any other kind. The heads are round with spreading outer leaves and mature at a late season. It is the best and most attractive Red Cabbage grown. Packet 10c, oz. 45c,  $\frac{1}{4}$  lb. \$1.50.

#### **SAVOY CABBAGE—Perfection Drumhead Savoy.**

The largest solid-heading Savoy, and has the rich flavor of the cauliflower. The plants are strong and vigorous, and withstand the ravages of the cabbage worm better than other sorts. Packet 10c, oz. 40c,  $\frac{1}{4}$  lb. \$1.25.

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### COPENHAGEN MARKET.

The best early variety on the market, which forms very solid heads on a densely packed leaves. The plant is small and the head has great weight. Those who prefer a solid headed Cabbage, will be well satisfied with this variety. Packet 10c, oz. 65c,  $\frac{1}{4}$  lb. \$2.00.

### SUCCESSION.

A splendid second-early, round-headed sort, with enormous heads of exceedingly tender quality. Packet 10c, oz. 40c,  $\frac{1}{4}$  lb. \$1.25.

### CHINESE OR CELERY CABBAGE (Pe-tsai)

A new and distinct cabbage from China. The plant grows upright somewhat resembling a Cos Lettuce. The mid-rib of the leaf is very thick and is used either raw or cooked. It attains great size, and grows quickly. Packet 10c, oz. 45c,  $\frac{1}{4}$  lb. \$1.50

## CARROTS.

Sow the seed thinly in shallow rows early in the spring. Make three or more sowings of the early varieties a month apart, to afford a succession of tender roots.

When plants are well started, thin out the small early sorts to three inches apart in the row, and large late varieties from five to six inches. They should be sown in deep, rich soil, deeply worked, and receive constant cultivation during growth to insure smooth, straight roots.

### CHANTENAY.

Tops medium size; necks small; roots tapering slightly, but uniformly stump rooted and smooth; color, deep, orange red; flesh very crisp and tender. It furnishes roots of usable size as early as any, is a heavy cropper, and is undoubtedly one of the best for both the market and private garden, while its great productiveness makes it very desirable as a field sort. Packet 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$1.75.

### HALF LONG DANVERS

Grown largely on account of its great productiveness and adaptability to all classes of soil. Tops medium sized, coarsely divided. The smooth and handsome roots are deep orange, of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, tender and of a deep orange color. This is a popular field variety, and although the roots are shorter they produce as large a bulk as the longer field sorts and are more easily harvested. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$1.75.

### EARLY SHORT HORN.

A fine early variety, good for home use. Eastern market gardeners use this sort for bunching. Packet 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$1.75.

### IMPROVED LONG ORANGE.

The most popular of the older sorts for farm use on a mellow soil. An improvement obtained by years of careful selections of the best formed and deepest colored roots of the old Long Orange. of the old Long Orange and smoother, but so uniform and true that the bulk of the crop will be greater. Packet 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$1.75.

### OX HEART.

Tops small for the size of the roots, which are comparatively short, but often reach a diameter of 7 inches, terminating abruptly in a small tap root. Flesh, bright orange, fine grained and sweet. Packet 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$1.75.

## CAULIFLOWER.

### CULTURE.

A good, rich soil is essential for the successful cultivation of this delicious vegetable; our most experienced cultivators, however, acknowledge the advantage of a cool, moist season. Pursue the same general directions as recommended for growing Cabbage, watering liberally during dry weather. An occasional application of liquid manure is beneficial.

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**EXTRA EARLY SNOWBALL.**

Very popular variety with few narrow gray-green, upright leaves, heads very white. Packet 25c,  $\frac{1}{4}$  oz. \$1.25, oz. \$4.50.

**EXTRA EARLY DWARF-ERFURT**

One of the very best varieties. Under ordinary conditions produces large deep and very solid white heads. Packet 25c,  $\frac{1}{4}$  oz. \$1.25, oz. \$4.50.

**GILT EDGE.**

A fine variety both for early and late planting. Packet 25c,  $\frac{1}{4}$  oz. \$1.25, oz. \$4.50.

**CELERY.**

**(CULTURE)**

Finely blanched celery is one of the most popular and attractive vegetables for the table during fall and winter. For garden culture we would advise making two plantings where wanted for either home use or market. For the earliest crop the seed should be sown in hotbeds during February or March, and the young plants set in rich soil as soon as large enough, after the trees start out in leaf. For the fall or main crop seed may be sown in the open ground early in the spring as the ground can be worked in good condition, and the plants should be set in the rows during July.

**GOLDEN SELF-BLANCHING (Originators strain)**

The best self-blanching sort. It acquires a handsome golden color without having to be hilled up, which makes it a valuable market sort. Pkt. 20c, 1-4 oz., 30c; oz., 85c; 1-4 lb., \$3.25.

**WHITE PLUME**

A good blanching sort, and is one of the most popular varieties. Pkt. 10c, oz. 40c, 1-4 lb., \$1.25.

**EASY BLANCHING**

A recent introduction of merit. It is a vigorous grower, of medium dwarf height, stalks thick, quality excellent. A most desirable variety for the amateur, as it blanches easily and is one of the best keepers. Second early, can be grown for winter and spring use. Pkt. 10c oz., 50c; 1-4 lb., \$1.50.

**WOODRUFF'S BEAUTY**

This is the best of all the green celerys for many reasons; grows medium in size, blight proof, excellent keeper and the finest flavor of all, sure to become more generally used than all other green sorts when generally known. We can strongly advise our customers to take their main crop of green celery on this sort. Pkt., 15c; 1-4 oz., 25c; oz., 75c; 1-4 lb., \$2.50.

**GIANT PASCAL**

This is the best keeper of all the late sorts; very solid and crisp. This variety is unsurpassed for market garden. Pkt., 10c; oz., 35c; 1-4 lb., \$1.00.

**WINTER QUEEN**

It has the strong robust growth of the Giant Pascal, but the plants, being only of medium height, are of better length for bunching for market, as well as more desirable for serving on the table. Their compact habit makes considerably less labor in earthing up the plants to blanch, and the rows can be planted more closely in the field. Pkt., 10c; oz., 40c; lb., \$1.25.

**CELERAIC OR TURNIP ROOTED CELERY**

Has a large smooth root and is much prized. Pkt., 10c; oz., 40c; 1-4 lb., \$1.25.

**OLD CELERY SEED FOR FLAVORING**

Pkt., 5c; oz., 15c; 1-4 lb., 40c.

**CHICORY**

**WITLOOF CHICORY, or FRENCH ENDIVE**

Witloof is used principally as a winter salad, and it is most delicious served with French dressing and eaten like Cos Lettuce. The seed should be sown in the open ground not later than June in drills twelve to eighteen inches apart, and the seedlings should be thinned out to stand not closer than three inches. The plants form long, parsnip-shaped roots, which are lifted in the fall, trimmed of leaves, and stored in soil in a cool place until wanted for forcing. It requires about one month to force the roots. Pkt., 10c; oz., 30c; 1-4 lb., \$1.00.

**LARGE-ROOTED**

The roots are cut in thick slices, roasted and used for coffee. The leaves in Spring make a good salad. Pkt., 10c; oz., 30c; 1-4 lb., \$1.00.

## **SUGAR CORN**

### **CULTURE**

Plant for succession of crops every three weeks, from April to July, in hills three feet apart each way, and six seeds cover about half an inch; thin out to three plants.

#### **GOLDEN BANTAM**

Wonderful for small garden. Small ear but of remarkable sweetness. Very early and good cropper. This is perhaps the most remarkable corn grown. Once this variety is grown, it is always grown, and is without doubt the most preferred of all Sweet Corn. It is quite early, but can be planted through the season. It is extremely productive, two ears or more appearing on a stalk, which averages only 4 feet high. The ears are small and measure from 5 to 7 inches long. On account of its small size, Golden Bantam can be planted closer together than other Corn, and is, therefore, excellently adapted to the small garden, yet, on account of its productiveness and flavor, it should have a place in every garden. Pkt., 10c; lb., 40c; 5 lbs., \$1.85.

#### **COUNTRY GENTLEMAN**

Well-known variety, the long round kernels appearing crowded on the cob without any apparent arrangement in rows; cob of medium length. Sweet, tender and milky; very productive. Pkt., 10c; lb., 40c; 5 lbs., \$1.85.

#### **STOWELL'S EVERGREEN, IMPROVED**

This well-known variety is largely planted for the late, or main crop and is very productive. The ears grow to a large size and grains are very tender and sugary. It remains in good condition, suitable for cooking, for a long time. Pkt., 10c; lb., 40c; 5 lbs., \$1.85.

#### **BLACK MEXICAN**

A medium-early variety, growing about six feet in height; ears eight inches long, well filled with eight rows of large, rather flat grains, which are a bluish purple, of deliciously sweet flavor. Pkt., 10c; lb., 40c., 5 lbs., \$1.85.

A standard early variety of strong growth. Pkt., 10c; lb., 40c; 5 lbs., \$1.85.

#### **EARLY MINNESOTA**

## **CORN SALAD**

Culture—Sow early in the spring, in drills 1 inch deep and 10 inches apart. For main crop sow in August and September and cover lightly during winter. Large

#### **A VARIETY OF CORN SALAD, LARGE SEEDED**

Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

## **CRESS OR PEPPER GRASS**

Much used with lettuce as a salad. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

## **CUCUMBERS**

Culture—Plant 10 to 12 seeds one inch deep in hills four feet apart. Later thin to two or three plants per hill. Do not plant until soil is warm and frosts are over. A second sowing may be made late in June and during July, for a fall crop. Hoe or cultivate only until plants start to vine, then pull weeds by hand. Should a little beetle with yellow-striped wings visit the patch, fight him at once by spraying or dusting Arsenate of Lead or Pyrox. The richer the soil the more they grow.

#### **IMPROVED WHITE SPINE**

Beautiful in shape and color and of the finest quality. The fruits are long, cylindrical, dark green, with very white, crisp and tender flesh. The vine is vigorous and productive. The mature fruits are about eight to nine inches long. This variety is adapted also for forcing. Pkt., 5c; oz., 15c; 1-4 lb., 50c; lb., \$1.75.

#### **IMPROVED LONG GREEN**

The vines are very vigorous and productive. The fruits are very long, often twelve inches, slender and of uniformly dark green color. The variety furnishes some fruits early but matures the bulk of its crop rather late. This is an excellent sort for slicing and is very largely used for pickles. Pkt., 5c; oz., 15c; 1-4 lb., 50c; lb., \$1.75. 60c; lb., \$2.00.

#### **DAVIS' PERFECT**

As now selected, this popular new variety is well worthy of praise. The long, even fruits are of fine form, with an immensely dark green skin. With very few seeds the solid white flesh is of superb quality for slicing. So handsome and regular are

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the fruit that they bring an extra price on market—often being taken for “hot-house grown”. The vines are of strong growth and quite prolific. Pkt., 5c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

### EARLY BOSTON PICKLING OR GREEN PROLIFIC

A variety grown extensively for the large pickling establishments in this vicinity. Fruit medium length, pointed at each end, with large and prominent spines. Color a deep green. It combines all the good qualities of an early cucumber. Pkt., 5c; oz., 15c; 1-4 lb., 50c; lb., \$1.75.

### DANDELION

The dandelion resembles Endive, and affords one of the earliest as well as one of the best and most healthy Spring greens.

### FRENCH BROAD LEAVED

French Broad Leaved is a variety of Dandelion. Pkt., 10c; 1-2 oz., 35c; oz., 65c; 1-4 lb., \$2.25.

## EGG PLANT

Culture—Sow in hotbed in February and March; when the plants are 1 and 2 inches high, transplant, or thin out, to 2 or 3 inches apart. When the weather is warm and settled, they may be planted out in a warm situation, 2 feet apart each way.

### IMPROVED NEW YORK SPINELESS

Very large and smooth, fine dark color. Ours is the spineless plant, most preferred by our market gardeners. Pkt., 10c; 1-2 oz., 30c; oz., 55c; 1-4 lb., \$2.00.

### BLACK BEAUTY

A fine variety, bearing large, round, deep, purple fruits, fine grained, and of superior quality. Pkt., 10c; 1-2 oz., 40c; oz., 75c; 1-4 lb., \$2.50.

## ENDIVE

One of the most refreshing and attractive of all autumn and winter salads. Sow seed from the middle of May until the end of August.

### GREEN CURLED

Beautifully curled, tender and crisp. Pkt., 10c; oz., 20c; 1-4 lb. 60c; lb. \$2.00.

### BROAD-LEAVED BATAVIAN (Escarrole)

This variety is chiefly used in soups and stews; requires to be tied up in blanching. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

## KALE, or BORECOLE

Culture—The Kales are more hardy than Cabbage, make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter.

### DWARF CURLED SCOTCH

Leaves bright green, curled, very tender and fine flavored; an excellent sort for private gardens. Pkt., 10c; oz. 30c; 1-4 lb., 85c; lb., \$3.00.

### TALL OR LONG STANDING KALE

A beautifully curled and crimped sort, of strong, vigorous habit, perfectly hardy, attractive appearance, a bright green color and very productive. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

## KOHL-RABI

### WHITE VIENNA

The finest for market and home garden. Flesh white and tender. Pkt., 10c; oz., 30c; 1-4 lb., \$1.10; lb., \$3.75.

## LEEK

### LARGE AMERICAN FLAG

Large, hardy and of excellent quality. Pkt., 10c; oz., 35c; 1-4 lb., 90c; lb., \$3.00.

## LETTUCE

Culture—Lettuce, to be at its best, must be grown as rapidly as possible, therefore the soil must be made rich and mellow by liberal manuring and extensive cultivation. Sow seed in hotbeds in February and March and transplant when weather will permit. For successive crops sow out of doors in drills eighteen inches apart and thin plants to four inches, as the plants begin to crowd, thin out and use as required. For

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## MORAI O BROTHERS, RYE, N. Y.

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the cabbage or heading varieties, where large heads are desired, the plants should stand ten to twelve inches apart. During hot days shade the young plants or seedlings with boards or frames on which cloth has been stretched.

### BIG BOSTON

One of the leading varieties. The plants are large, very hardy and vigorous, producing creamy white heads, packed with blanched leaves; always crisp and tender. There are few outside leaves, and the plant will stand some time before producing seed stalk. Good for all seasons except the hottest summer months. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

### MAY KING

Very hardy, and stands cold damp weather. May be planted out of doors or under glass. The outer leaves are yellowish-green, tinged with brown, while inside is rich golden yellow. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

### EARLY CURLED SIMPSON WHITE SEED

Forms a close, compact mass of curly yellowish-green leaves. Good for cold frames or early planting for outdoors. Pkt., 5c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

### IMPROVED HANSON

Heads large, hearts quickly and stands the summer well; quality excellent. Pkt., 5c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

### NEW YORK CABBAGE

The large white heads resemble cabbage in their solidity. The quality is superb, being crisp, rich and tender. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

### PRIZE HEAD

Very popular for best loose-bunching or non-heading varieties. Leaves brown, very curly, of remarkably fine flavor. Pkt., 5c; oz., 15c; 1-4 lb., 40c; lb., \$1.25.

### MIGNONETTE

Very desirable early heading variety, extremely hardy. Heads quickly and surely. Outer leaves bronzed russet green, solid heads blanch creamy-white, are tender and sweet. Pkt., 10c; oz., 20c; 1-4 lb., 60 c; lb., \$2.00.

### WAYHEAD

One of the earliest and surest-heading varieties; crisp, tender and of excellent flavor. Valuable for growing in frames. Pkt., 5c; oz., 15c; 1-4 lb., 50c; lb. \$1.50.

### ROMAINE OR PARIS WHITE COS

The Cos lettuce differs entirely in shape from the other varieties, the head being elongated and of conical form, eight or nine inches in height, and five or six inches in diameter. To be had in perfection it requires to be tied up to insure blanching. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

## MUSKMELON

Culture—For early crop sow seed in hotbed and set out when ground is warm. Regular crop—sow ten to twelve seeds in hills four feet apart, about May 15th. Good sandy soil well fertilized is the best. Pinch the ends of the growing shoots to induce early fruiting.

### EMERALD GEM

The Emerald Gem melons are about the size of the Netted Gem, but, unlike that variety, the skin, while ribbed, is perfectly smooth, and of a very deep emerald green color. The flesh is of a suffused salmon color, and ripens thoroughly to the thin green rind, which is distinctly defined. Pkt., 10c; oz., 20c; 1-4 lb., 60c.

### ROCKY FORD

A very popular variety; vigorous grower and abundant producer. The fruit is oval, slightly ribbed, densely covered with fine netting. The flesh is green, very sweet and highly flavored. Pkt., 10c; oz., 20c; 1-4 lb., 60c.

### EARLY HACKENSACK

A large, deeply netted melon, flattened at the ends, of most delicate flavor and very productive. Pkt., 10c; oz., 20c; 1-4 lb., 60c.

## WATERMELONS

("Culture" same as Muskmelon.)

### COLE'S EARLY

An early variety. Large heart, flesh of fine texture and good flavor. Rind thin. Pkt., 10c; oz., 15c; 1-4 lb., 50c.

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### PEERLESS OR ICE CREAM

Medium sized with very sweet, scarlet flesh. Pkt., 10c; oz., 15c; 1-4 lb., 50c.

### MUSTARD

#### WHITE LONDON

Used both as a salad and for flavoring purposes. Pkt., 5c; oz., 10c; 1-4 lb., 30; lb., \$1.00.

### OKRA or GUMBO

This plant is extensively cultivated for its green pods, which are used in soups or stews. Sow seed about the middle of May in drills 3 feet apart, thin plants out to about one foot apart.

#### WHITE VELVET

Pods round, smooth and free from seams. Pkt., 5c; oz., 10c; 1-4 lb., 30c; lb., \$1.00

#### LONG GREEN

Very productive. Pkt., 5c; oz., 10c; 1-4 lb., 30c; lb., \$1.00.

### ONIONS

Culture—Sow in rich, sandy soil, in drills one foot apart, as early as possible in the spring, cover with fine soil and firm well, either with roller or back of spade. When plants are strong enough, thin out to 3 or 4 inches. The finest Onions are produced by sowing the seed in a hotbed early in February and transplanting seedlings to the open ground 6 inches apart.

#### SOUTHPORT WHITE GLOBE

Of all our American varieties of market onions, this generally commands the highest price. Of true globe form, the onions are two to two and a half inches in diameter, with a thin delicate skin of purest paper whiteness. The flesh is crisp, fine grained, snowy white in color and very mild flavor. The bulbs should be stored in a cool dark loft or shed to dry as soon as they are ripe enough to harvest. Pkt., 10c; oz., 40c; 1-4 lb., \$1.35; lb., \$5.00.

#### SOUTHPORT YELLOW GLOBE

This is a large, handsome yellow variety. Shape, perfectly globular; quality fine. A splendid keeper. Becoming very popular. Pkt., 10c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.50.

#### SOUTHPORT RED GLOBE

The bulbs are medium to large size, ideally globe shaped, with very smooth, glossy surface, very small neck and remarkably beautiful deep purplish red color. The flesh is white, tinged with light purple, mild, very fine grained and tender. One of the best keepers. Pkt., 10c; oz., 40c; 1-4 lb., \$1.25; lb., \$4.50.

#### DANVER'S YELLOW GLOBE

A very early sort of great merit; one of the best yellow kinds for the market and home garden. Pkt., 10c; oz., 30c; 1-4 lb., \$1.00; lb., \$3.50.

#### WHITE PORTUGAL

The best white sort for pickling or ordinary uses. It is one of the best keepers of the white varieties. Pkt., 10c; oz., 35c; 1-4 lb., \$1.25; lb., \$4.00.

#### PRIZETAKER

Grows to an immense size, and for fall marketing is unexcelled. Handsome bulbs of a rich yellow color and fine globe form. Pkt., 10c; oz., 35c; 1-4 lb., \$1.15; lb., \$4.00.

#### RED WETHERSFIELD

The most popular red variety for main crop. It makes a large, thick bulb, crops abundantly, ripens early and sells readily on all markets where a red onion is wanted. Our seed is extra selected. Pkt., 10c; oz., 30c; 1-4 lb., 85c; lb., \$3.00.

#### AILSA CRAIG

This is one of the largest varieties. Oval shaped with pale straw colored skin. Flesh is pure white and mild. Pkt., 10c; oz., 40c; 1-4 lb., \$1.35; lb., \$5.00.

### ONION SETS

Culture—Onion Sets should be planted as early in the spring as convenient, to obtain early green onions, but they may be set at any time up to June 1st. Set in rows a foot apart and three inches apart in the row.

Onion Sets, Red, qt., 35c; 4 qts., \$1.25; pk., \$2.00.

" " White, qt., 40c; 4 qts., \$1.40; pkt., \$2.50.

" " Yellow, qt., 35c; 4 qts., \$1.25; pkt., \$2.00.

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## PARSLEY

Culture—One of the finest plants for garnishing, used for flavoring soups, stews and salads. Sow as early as possible in Spring in shallow drills fifteen inches apart, raking the soil fine and level on top. Cover the seed one-third of an inch. The plants will appear in from one to six weeks. Succeeds in common garden soil.

### CHAMPION MOSS CURLED

The standard market sort. Our stock of this is extra double curled and one of the finest stocks to be had. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

### PLAIN LEAF

A very hardy variety. Used extensively by Italians. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

## PARSNIP

(Cultivate same as carrots)

### HOLLOW CROWN

Roots comparatively short, with a very smooth, clean skin. The variety is easily distinguished by the leaves arising from a depression on the top or crown of the root. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

## PEAS

Culture—This being a leguminous crop, is important to give it a place in the garden of the home gardener as well as commercial grower. The pea should be planted very early in the spring, and if dwarf sorts are used for the first plantings, we should have them for the table, in most sections of the north not later than June 15th. The smooth dwarf sorts are highly satisfactory. Peas may be had during most of the summer, and they should be grown much more largely for canning and drying. They require a fairly rich soil, and the taller sorts should be well supported to secure maximum yields.

### ALASKA

Well known and extensively used, especially by canners. Very early, and when carefully grown, uniform in ripening. Vine is strong and vigorous, 2 to 2½ feet high, of a peculiar light green color; pods 2¼ to 2½ inches long, straight and blunt at the end, and light in color. Is ready for picking 49 to 50 days from planting. Seed round, blue, slightly pitted. 1-2 lb., 25c; lb., 40c; 5 lbs., \$1.75.

### FIRST AND BEST

Early, productive and hardy, with a strong, vigorous vine, which is light in color and uniform in growth, 2½ to 3 feet in height and bearing straight pods 2½ to 2¾ inches long, round, light in color, and blunt at the ends. Is fit for table use 50 to 52 days from planting. Seed round, rather small, and white in color. 1-2 lb., 25c; lb., 40c; 5 lbs., \$1.75.

### AMERICAN WONDER

Vigorous, productive vines, with a luxuriant foliage, and producing the leaves on one side of the stalk, and growing from 9 to 12 inches high. On account of its dwarf habit of growth, it is very desirable for private garden use. Pods are light colored, straight, round, about 2 1-2 inches long, and blunt at the end. Fit for picking 55 days from planting. Seed is wrinkled, green, medium in size and square at the ends. 1-2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

### GRADUS OR PROSPERITY

A large, wrinkled, early Pea, with a pod as large as Telephone filled with large peas, tender and of good quality and flavor. Very quick to germinate and mature with the early sorts. This pea will not stand adverse conditions, however, as well as some of the other sorts, and seed must be planted after all danger of early frost has passed. Height of vine, 26 to 30 inches, with large, luxuriant foliage, pale green in color. Pods dark green. 4 to 4½ inches in length, and pointed; fit for table use 52 days from planting. Seed large, cream colored wrinkled. 1-2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

### NOTT'S EXCELSIOR

Resembling Geins in habit, but more dwarf and uniform in growth, height, 12 to 17 inches, with rather light foliage. Pods are light in color, round, about 2½ inches long, blunt at the ends. Fit for picking 56 days from planting. Seed green, wrinkled, medium in size and square at the ends. 1-2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

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### PREMIUM GEM

Strong and vigorous in growth, producing vines from 18 to 24 inches in height, dark foliage, bearing pods singly on both sides of the stalk, beginning near the ground. Pods are almost straight,  $2\frac{1}{2}$  to  $2\frac{3}{4}$  inches long, light in color and blunt at the ends. Ready to pick 59 to 61 days from planting. Seed is green, wrinkled and medium in size. 1-2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

### TELEPHONE

The best main crop variety. Abundant bearer of long, broad pods, dark green in color, filled with sweet tender peas. 1-2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

### CHAMPION OF ENGLAND

Strong and vigorous in growth, 42 to 50 inches in height. Foliage, medium green. Pods 2 1-2 to 3 inches long, blunt, medium dark green in color. Ready to pick 68 to 73 days from planting. Seed large, green, very much wrinkled. 1-2 lb., 25c; lb., 45c; 5 lbs., \$2.00.

## PEPPER

Sow the seed in a hot bed or window-box, about March 1st; to transplant to the open when all danger from frost is over. Set plants in rows 3 ft. apart, 18 in. in the row.

### CHINESE GIANT

Stocky plant with light green foliage and blunt fruit, squared at the ends, measuring 4 inches or more at the top and about as long; of a brilliant glossy red color when ripe. Flesh very thick and sweet, containing few seeds. Pkt., 10c; 1-2 oz., 35c; oz., 65c; 1-4 lb., \$2.25.

## PIMENTO PEPPER

Thickest fleshed of all peppers—The solid meat is always sweet.

The fruits are rich crimson-scarlet in color, while the form is very distinct, being of regular conical shape. The peppers measure from 2 to 2 1-4 inches across at the stem end and average from 3 to 3 1-2 inches in length. The skin is perfectly smooth, without any ridges. The peppers are never hot in any part of the fruit, even the flesh around the seeds being sweet. The fruits are just the right size for stuffing for individual use. The plants are 2 to 2 1-2 feet in height, branching freely, and produce a heavy crop. Pkt., 10c; 1-2 oz., 35c; oz., 65c; 1-4 lb., \$2.25.

### NEAPOLITAN

Fruit large, long shaped, more or less ribbed, skin smooth. Pkt., 10c; 1-2 oz., 35c; oz., 65c; 1-4 lb., \$2.25.

### LARGE BELL OR BULL NOSE

A very large sort of inverted bell shape, suitable for filling or for mixed pickle. Flesh thick, hard and less pungent than most other sorts. Pkt., 10c; 1-2 oz., 35c; oz., 65c; 1-4 lb., \$2.25.

### RUBY KING

An improved American sort, reaching the largest size, yet retaining the symmetrical shape of the smaller sorts. Pkt., 10c; 1-2 oz., 35c; oz., 65c; 1-4 lb., \$2.25.

### SWEET MOUNTAIN

Similar to the Bull Nose, but larger, sweeter and of milder flavor. Pkt., 10c; 1-2 oz., 35c; oz., 65c; 1-4 lb., \$2.25.

### LONG RED CAYENNE

Fruit about four inches long, bright red color; very productive and hot. Pkt., 10c; 1-2 oz., 35c; oz., 65c; 1-4 lb., \$2.25.

## PUMPKINS

Culture—Plant in April or May, among corn, or in the garden, in hills 8 to 10 feet apart, and otherwise treat in the same manner as melons.

### KING OF THE MAMMOTHS

Recommended where size is the chief consideration. One hundred pounds or more is not an unusual weight for a single specimen. The fruit is flat-round; the skin is yellow, as also is the thick flesh. Recommended for exhibition purposes. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

### LARGE CHEESE

The most popular variety. Fruit flattened, the diameter being two or three times more than the length; skin mottled light green and yellow, changing to rich

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cream color as it matures; flesh tender and of excellent quality. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

### **SMALL SUGAR, OR NEW ENGLAND PIE**

For making pies this variety cannot be excelled. The Pumpkins are small but very sweet and fine-grained. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

## **RADISH**

Culture—Sow early and often. In good, warm, fibrous loam, especially if quite sandy, summer Radishes will make a crop in 4 to 6 weeks from sowing. The soil should be well prepared and fertilizers may be used freely. Have the rows a foot apart, and sow just seed enough so that they will not require thinning. Any little spot that becomes available during summer may be utilized for planting Radishes. The short or turnip-rooted sorts are quickest and easiest to grow, and good for forcing also. On greenhouse bench or frames the rows need not be more than 4 inches apart. Sow winter Radishes in July and August. They grow best in the cooler Autumn weather. Take them up before severe freezing and store in sand in the cellar or in a pit, where they will keep tender and crisp all winter.

### **CRIMSON GIANT**

This is a new early turnip-shaped radish, double the size of any of the early turnip-shaped type, and equally suitable for forcing or early planting out of doors. It is a rapid growing sort, developing roots of a beautiful deep crimson color, which vary in shape from round to almost oval, and often measure from 6 to 7 inches in circumference. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

### **EARLY SCARLET TURNIP, WHITE TIPPED**

One of the handsomest of the turnip radishes and a great favorite in many large markets, for early planting outdoors. Roots slightly flattened on the under side; color, scarlet with a white tip; flesh white and of the best quality. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

### **EARLY ROUND SCARLET**

Small top, quick growth, mild and crisp. Largely used for early planting in open ground. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

### **FRENCH BREAKFAST**

This splendid radish, in color, is bright red tipped with white. It is oblong in shape, and in quality is crisp and tender. It is a crisp grower, and is an exceedingly popular variety. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

### **WHITE ICICLE**

Most beautiful of the early long white varieties. Pearly white, fine for forcing or outdoor culture. Tender, crisp and of a delicate flavor. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

### **BLACK SPANISH**

One of the latest, as well as the hardiest of the radishes. An excellent sort for winter use. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.50.

## **SALSIFY or OYSTER PLANT**

### **MAMMOTH SANDWICH ISLAND**

This variety originated in the Sandwich Islands; of enormous size, more than double the size of the ordinary kind. Roots grow long, large, smooth and white, and of exceedingly tender quality. Pkt., 10c; oz., 40c; 1-4 lb., \$1.30; lb., \$4.50.

## **SPINACH**

Culture—Should be planted in very rich ground, the richer the better. Sow in drills one foot apart and begin thinning out the plants when the leaves are an inch wide. All should be cut before hot weather or they will be tough and stringy. For early spring use, sow early in autumn and protect the plants with a slight covering of leaves or straw.

### **SAVOY LEAVED**

The earliest variety and one of the best to plant in autumn for early spring use. Plant of upright growth, with narrow, pointed leaves, which are curled like those of

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the Savoy cabbage. It grows quickly to a suitable size. Pkt., 5c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

### IMPROVED THICK LEAF

A variety which grows very rapidly, forming a cluster of large, very thick, slightly wrinkled leaves of fine color and quality. Especially recommended for market gardeners. Pkt., 5c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

### LONG STANDING

An improved, round seeded strain of excellent merit, having all the good qualities of other sorts and continuing in condition for use much longer. The leaves are smooth and very dark, rich green. Very popular with market gardeners. Pkt., 5c; oz., 15c; 1-4 lb., 35c; lb., \$1.00.

### NEW ZEALAND

A distinct type, plants grow in branching form with thick leaves which can be gathered any time after they are well grown, and the plants start out into new growth. Pkt., 5c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

## SQUASH

Culture—Sow in good rich soil in hills the same as melons or cucumbers, bush varieties four feet apart each way. Running sorts ten to twelve feet each way. Use 8 to 12 seeds to the hill, and thin to 2 to 4 plants. Run squashes can be grown with corn the same as pumpkin.

### GOLDEN SUMMER CROOKNECK

Plants of true bush growth, very early fruiting and productive. The squashes are of the true crookneck type; rich golden yellow. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

### EARLY WHITE BUSH SCALLOP

Similar in form to the old Golden Bush, but with a cream white skin, and more tender and delicate flesh. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

### BOSTON MARROW

Second early, coming in about ten days after the Bush and Crookneck sorts. Skin yellowish, very thin; the flesh dry and fine grained, and of unsurpassed flavor. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

### HUBBARD

A reliable old-time variety of Winter Squash. Large size, flesh bright green color, fine grained, dry and has a good flavor. Pkt., 10c; oz., 25c; 1-4 lb., 75c; lb., \$2.50.

### VEGETABLE MARROW (COCOZELLI)

Fruit is long and slender, mottled dark and light green. The fruits are in the best condition for table when about twelve inches long. The vines are of bush habit. Pkt., 10c; oz., 30c; 1-4 lb., \$1.00; lb., \$3.00.

## SWISS CHARD

The culture is the same as for beets except that the plants should be set farther apart.

### GIANT LUCULLUS

A new variety with curled leaves, growing two feet high. Leaves are very large, of fine quality, the stalks are thick and long. Highly recommended. Pkt., 10c; oz., 15c; 1-4 lb., 50c; lb., \$1.75.

## TOMATO

Culture—Start seed of Tomato from February 15th to April 1st under glass, transplant into pots or flats once or twice to secure stocky plants with good fibrous roots. When weather is settled plant out in garden, allowing three feet from plant to plant in each direction. Cultivate freely but not deeply. By training vines to trellises or stakes, the fruit will ripen better and be of better quality.

### NEW STONE

Fruit very large and deep, bright scarlet, smooth, ripening evenly to the stem and exceedingly solid and firm-fleshed. The Tomatoes are heavy and thick-meated.

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making it a valuable variety for family use and for canning purposes. Pkt., 10c; oz., 35c; 1-4 lb., \$1.25.

### **EARLIANA**

Said to be the earliest large tomato in the world. This tomato is not only remarkable for its earliness, but for its very large size, handsome shape and bright, red color. Its solidity and fine quality are quite equal to the best medium and late sorts. Pkt., 10c; oz., 35c; 1-4 lb., \$1.25.

### **PONDEROSA**

One of the largest and most solid varieties in cultivation, some fruits attaining the weight of a pound and over. Nor has it been surpassed in delicious meaty flavor. The color is a glowing purplish crimson. Considering its size, it is quite regular in shape, and many consider it the finest for slicing and table use, as it has few seeds. The earlier fruits ripen quickly and it bears well until very late. Pkt., 10c; oz., 35c; 1-4 lb., \$1.25.

### **DWARF CHAMPION**

Distinct in foliage and habit of growth, being compact and upright; fruits medium size and resemble the Acme in appearance, the color being a purplish pink; smooth and symmetrical. Pkt., 10c; oz., 35c; 1-4 lb., \$1.25.

### **ACME**

One of the best standard sorts. Of a fine crimson purplish color. Shape is smooth, size large and uniform. For the market or home garden, no sort is better. Pkt., 10c; oz., 35c; 1-4 lb., \$1.25.

### **PRESERVING TOMATOES**

The following small-fruited varieties are used for making preserves, and are also quite ornamental:

Red Plum, Yellow Plum, Yellow Cherry, Red Cherry. Pkt., 10c; oz., 35c; 1-4 lb., \$1.25.

## **TURNIP**

Culture—For early, sow seed of flat varieties in open ground in spring, in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For Ruta Bagas, sow seed in seedbed in spring and transplant to good warm soil, in rows at least 2 feet apart and 8 or 10 inches apart in the rows, or sow in open ground during June and early July. Take up the roots just before winter, top and store in cool cellar, or pit outdoors.

### **PURPLE-TOP WHITE GLOBE**

An early variety, globe-shaped, heavy cropper, in other respects similar to Red-Top Strap-Leaf. A handsome-looking bulb, and is rapidly taking the lead of all other varieties of early Turnip for market garden purposes. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

### **WHITE EGG**

A perfectly globe-shaped, white-skinned turnip. It is exceedingly productive. The flesh is fine grained, firm and of very delicate flavor. It is one of the best keeping of the white-fleshed sorts. Very early and particularly adapted for summer use. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

### **YELLOW STONE**

One of the hardiest and best winter turnip; rich golden yellow; flavor delicate and melting. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

### **RUTA BAGA—LONG ISLAND IMPROVED—PURPLE TOP.**

A strain of Purple Top Yellow Rutabaga of American origin, selected to a smaller top and much shorter neck than is usually found, while the roots are a little more globular, grow to a large size and are of the finest quality. Excellent for table use and stock feeding. We consider this the most desirable sort. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

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# MORAIO BROTHERS, RYE, N. Y.

## PURPLE TOP, STRAP LEAVED

A very strap leaved variety, very extensively used for the table. The leaves are few, entire, upright in growth. The roots are flat, of medium size, purple or dark red above ground, white below. The flesh is white, fine grained and tender. Roots when in best condition for table use are about two and one-half inches in diameter. Also known as Early Red Top, Strap Leaved. Pkt., 10c; oz., 20c; 1-4 lb., 60c; lb., \$2.00.

## OUR FLOWER SEEDS

Our flower seeds consist of all varieties of real merit. We aim to supply only such varieties and strains that will give the best satisfaction. Annuals bloom and perish the first year. Biennials generally flower the second season, and are in perfect condition for that year. Perennials usually flower the second year, and continue to flower several years in succession.

## GENERAL CULTURE OF FLOWER SEEDS.

For most of the annual flowers, as well as perennials, the simplest method is to sow directly out of doors when danger of frost is past in the space where they are intended to flower. The ground should be dug and raked fine on the surface, sowing the seeds evenly and thinly, either in lines or beds, covering not over four times their size, and firming the soil over them. Should they come up too thickly, as most of them are likely to do, thin out so that the plants will stand from 4 to 12 inches apart, according to the variety. Perennials should be transplanted to a permanent location where desired.

For all flower seeds started indoors, the best plan is to sow in earthenware seed pans, or boxes (about 2 inches deep), which should be filled to the depth of an inch with broken pots, coal ashes, or any rough material that will furnish perfect drainage. The upper inch should be nicely sifted soil. Press firmly and evenly and water thoroughly the day before sowing. Sow the seeds thinly over the surface, cover about one-eighth of an inch and pressing firmly. Cover with a pane of glass, and keep in a temperature between 60° and 70°. Water carefully as needed. To omit a single water, or too frequent, indiscriminate watering, usually leads to failure. Remove the glass, or covering, as soon as the seeds have germinated, and when the seedlings are large enough to handle they should be transplanted into similarly prepared boxes an inch apart each way, or put into small pots and kept in same until time to plant out in the open ground. At all times they should have an abundance of air; otherwise the young seedlings are liable to "damp off".

## ANNUALS

All flower seeds listed at 5c. per pkt. may be procured at 6 pkts. for 25c. All 10c. pkts. may be procured at 3 pkts. for 25c, and all 15c pkts. may be procured at 2 pkts for 25c.

**Ageratum.** Imperial dwarf blue. Per pkt., 10c.

**Sweet Alyssum.** (Little Gem or Carpet of Snow). Per pkt., 10c.

**Amaranthus.** Mixed colors. Per pkt., 10c.

## ASTERS

### SEMPLER'S BRANCHING

A magnificent American strain, producing handsome double flowers on long stems. Plants are of strong growth, from 2 to 3 feet in height and branch freely. We offer the following:

Branching Asters. Each separate color:

|               |          |
|---------------|----------|
|               | per pkt. |
| White .....   | \$ .10   |
| Crimson ..... | .10      |

|                                                             |     |
|-------------------------------------------------------------|-----|
| Pink .....                                                  | .10 |
| Lavender .....                                              | .10 |
| Rose .....                                                  | .10 |
| Purple .....                                                | .10 |
| Collection containing a packet<br>each of the 6 colors..... | .50 |
| Mixed Colors .....                                          | .10 |

### QUEEN OF THE MARKET ASTERS

A first-class early-flowering Aster, coming into flower in July, of branching habit; flowers of good size and

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# MORAIO'S CATALOG FOR 1920

borne on long stems, making them exceedingly valuable for cutting; 1 foot.

|                                                      | per pkt. |
|------------------------------------------------------|----------|
| Bright Rose .....                                    | \$.10    |
| Crimson .....                                        | .10      |
| Lavender .....                                       | .10      |
| Pink .....                                           | .10      |
| Purple .....                                         | .10      |
| White .....                                          | .10      |
| Collection, one packet each of the<br>6 colors ..... | .50      |
| Mixed Colors .....                                   | .10      |

## CREGO'S GIANT COMET

### ASTERS

We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. We offer five colors, viz:

|                                                          | per pkt. |
|----------------------------------------------------------|----------|
| White. Pure white.....                                   | \$.15    |
| Pink. Delicate shell-pink.....                           | .15      |
| Purple. Bright purple.....                               | .15      |
| Rose. Rich deep rose.....                                | .15      |
| Lavender. Deep lavender.....                             | .15      |
| Collection of a packet each of the<br>5 colors .....     | .50      |
| Mixed Colors .....                                       | .10      |
| Antirrhinum (Snapdragon). Large<br>flowered mixed .....  | .10      |
| Dwarf mixed .....                                        | .10      |
| Balsam (Lady Slippers). Mixed<br>double .....            | .10      |
| Calendula (Pot Marigold). Mixed ..                       | .10      |
| Candytuft. White .....                                   | .05      |
| Candytuft. Mixed .....                                   | .05      |
| Canterbury Bells. Mixed colors.....                      | .05      |
| Carnation. Early flowering, mixed ..                     | .10      |
| Celosia (Cockscomb) mixed.....                           | .10      |
| Convolvulus Major (Morning<br>Glory) .....               | .10      |
| Convolvulus Minor (Dwarf Morn-<br>ing Glory) .....       | .05      |
| Cosmos Early flowering, mixed.....                       | .10      |
| " Giant flowering, late.. ..                             | .10      |
| " Lady Lenox, white... ..                                | .10      |
| " Lady Lenox, pink.....                                  | .10      |
| " Anemone Flowered or<br>double new. ....                | .20      |
| Pink .....                                               | .20      |
| White .....                                              | .20      |
| Crimson .....                                            | .20      |
| Collection, a packet of each of<br>the three colors..... | .50      |

### PANSIES

|                                  |     |
|----------------------------------|-----|
| Choice Mixed .....               | .10 |
| Fancy Mixed. None better obtain- |     |

|                                                                                                                                                                                                                                                                  |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| able .....                                                                                                                                                                                                                                                       | .25 |
| Calliopsis. Mixed.....                                                                                                                                                                                                                                           | .10 |
| Centaurea Cyanus (Bachelor's<br>Button, or Corn Flower), blue ..                                                                                                                                                                                                 | .10 |
| Cypress Vine .....                                                                                                                                                                                                                                               | .10 |
| Dahlia. Single mixed.....                                                                                                                                                                                                                                        | .10 |
| Dahlia. Double mixed.....                                                                                                                                                                                                                                        | .10 |
| Dianthus Chinensis. (China or<br>Indian Pink). Hardy annual,<br>double, finest mixed.....                                                                                                                                                                        | .10 |
| Dianthus Heddewegti (Japan<br>Pink). Mixed.....                                                                                                                                                                                                                  | .10 |
| Dianthus Barbartus (see Sweet<br>William) .....                                                                                                                                                                                                                  | .10 |
| Eschscholtzia (California Poppy).<br>Mixed .....                                                                                                                                                                                                                 | .05 |
| Four O'Clock. Mixed.....                                                                                                                                                                                                                                         | .10 |
| Godetia. Fine mixed.....                                                                                                                                                                                                                                         | .10 |
| Gourds. Mixed.....                                                                                                                                                                                                                                               | .10 |
| Gypsophila Elgans.....                                                                                                                                                                                                                                           | .05 |
| Helichrysum or Straw Flower.. ..                                                                                                                                                                                                                                 | .10 |
| Humulus (Climbing Hop).....                                                                                                                                                                                                                                      | .10 |
| Kochia Tricophylla. Summer Cy-<br>press, or Firebush. One of the<br>most showy annuals for a sum-<br>mer border, and the easiest to<br>grow. Wonderfully satisfactory ..                                                                                         | .10 |
| Larkspur, Dwarf Rocket. Finest<br>double mixed; 1 foot.....                                                                                                                                                                                                      | .05 |
| Larkspur, Tall Rocket. Finest<br>double mixed; 2 1-2 feet.....                                                                                                                                                                                                   | .05 |
| Hardy Larkspur (see Delphinium) ..                                                                                                                                                                                                                               | .10 |
| Lobelia .....                                                                                                                                                                                                                                                    | .10 |
| Hyacinth Bean. Mixed.....                                                                                                                                                                                                                                        | .10 |
| Marigold, Dwarf French, mixed.. ..                                                                                                                                                                                                                               | .05 |
| Marigold, Eldorado. (Double<br>African). Flowers very large, 10<br>to 14 inches in circumference,<br>and extremely double; quilled<br>like a Dahlia; primrose, lemon,<br>orange, and golden shades.<br>Plant 3 feet in height.....                               | .05 |
| Myosotis. (Forget-Me-Not). Blue ..                                                                                                                                                                                                                               | .10 |
| Mignonette. Large flowering.....                                                                                                                                                                                                                                 | .10 |
| Nasturtium. Tall mixed, all colors ..                                                                                                                                                                                                                            | .05 |
| Nasturtium. Dwarf or Tom<br>Thumb. Mixed.....                                                                                                                                                                                                                    | .05 |
| Phlox Drummondii. Finest mixed ..                                                                                                                                                                                                                                | .05 |
| Poppy, Carnation Flowered. Dou-<br>ble mixed, 2 feet.....                                                                                                                                                                                                        | .10 |
| Poppy, Shirley Mixed.....                                                                                                                                                                                                                                        | .05 |
| Poppy (Cardinal). New hybrids.<br>About 18 inches high; habit<br>erect and compact. Foliage dark<br>green, deeply lacinated. Flowers<br>chamois and brilliant rose on<br>light ground; purple, crimson,<br>brick rose on black, brown, or<br>violet ground ..... | .10 |
| Portulaca, mixed, all colors, single ..                                                                                                                                                                                                                          | .05 |
| Petunia. Giant fringed, mixed.....                                                                                                                                                                                                                               | .15 |
| Petunia. Fine, single, mixed... ..                                                                                                                                                                                                                               | .05 |
| Ricinus. (Castor Oil Bean). Mixed ..                                                                                                                                                                                                                             | .05 |

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## MORAIO BROTHERS, RYE, N. Y.

|                                                |     |
|------------------------------------------------|-----|
| Scabiosa. (Mourning Bride). Double dwarf ..... | .05 |
| Stocks. Ten weeks. Mixed.....                  | .10 |
| Sunflower. Tall, double .....                  | .05 |
| Sunflower. Double Chrysanthemum flowered ..... | .05 |

|                                     |     |
|-------------------------------------|-----|
| Salpiglossis. Mixed .....           | .10 |
| Salvia Splendens. (Scarlet Sage) .. | .10 |
| Verbena, Mammoth mixed.....         | .10 |
| Wallflower, Finest mixed.....       | .10 |
| Wild Cucumber Vine.....             | .10 |
| Zinna, Finest double mixed....      | .10 |

Mixed Wild Flower Garden Seeds. Mixture of over 25 varieties of annuals. 10c.

### SWEET PEAS—HOW TO GROW THEM

The soil for Sweet Peas should be rich and deep and planted in a position fully exposed to sunlight and air on both sides of the row. Much depends upon the state of the weather as to when the seed may be sown out of doors; but they should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of May. It is best to make a trench or furrow about 6 inches deep, in the bottom of which sow the seed. Cover with about an inch of soil, pressing it down firmly. As soon as they are above ground thin out to 2 to 4 inches apart; when planted too close they do not attain their full development. They should be staked up either with branches of brush or stout stakes on which wire netting has been fastened. These should be about 5 feet high.

During dry weather they should be watered thoroughly and frequently. The flowers should be cut as often as possible, to prevent the plants from running to seed, which would stop them from continuing in bloom.

### SWEET PEAS, GIANT WAVED SPENCER VARIETIES, THE BEST TO PLANT

|                                                                                       | per<br>pkt. | per<br>oz. | per<br>1-4 lb. |
|---------------------------------------------------------------------------------------|-------------|------------|----------------|
| Apple Blossom. Bright Rose. Wings creamery blush.....                                 | \$.10       | \$.35      | \$1.25         |
| Asta Ohn. Exquisite Rosy Lavender.....                                                | .10         | .35        | 1.25           |
| Blanch Ferry. Rose pink with bluish white wings, purple wings<br>magenta purple ..... | .10         | .35        | 1.25           |
| Countess Spencer .....                                                                | .10         | .35        | 1.25           |
| Dobbie's Cream, creamy yellow .....                                                   | .10         | .35        | 1.25           |
| Fiery Cross, orange scarlet .....                                                     | .15         | .50        | 1.50           |
| Helen Lewis, orange rose .....                                                        | .10         | .35        | 1.25           |
| (Wings orange salmon)                                                                 |             |            |                |
| King Edward, crimson scarlet .....                                                    | .10         | .35        | 1.25           |
| King White, finest pure white .....                                                   | .10         | .35        | 1.25           |
| Margaret Atlee, creamy salmon pink .....                                              | .10         | .35        | 1.25           |
| Vermillion Brilliant, brilliant scarlet .....                                         | .10         | .35        | 1.25           |
| Wedgewood, light silvery blue .....                                                   | .15         | .50        | 1.50           |
| Collection, 1 pkt. each of above 12 varieties, \$1.00.                                |             |            |                |
| Giant Waved Spencer Mixed (All colors).....                                           | .10         | .25        | .75            |
| Eckford's Mixed Sweet Peas. (All colors) .....                                        | .05         | .15        | .40            |

### PERENNIAL FLOWER SEEDS

|                                                                  |       |
|------------------------------------------------------------------|-------|
| Achillea. The Pearl .....                                        | \$.25 |
| Aconitum .....                                                   | .10   |
| Anchusa Italica .....                                            | .10   |
| Anthemris .....                                                  | .10   |
| Aquilegia (Columbine) single mixed .....                         | .10   |
| Aquilegia (Columbine) double .....                               | .10   |
| Aster, hardy mixed colors .....                                  | .10   |
| Bellis Perennis (Double Daisy) .....                             | .15   |
| Campanula Medium (Canterbury Bells) mixed colors .....           | .10   |
| Campanula Pyramidalis. (Chimney Bell Flowers). Mixed colors..... | .10   |
| Candytuft. See Iberis.                                           |       |
| Centaurea. Blue hardy cornflower .....                           | .10   |
| Chrysanthemum Maximum (Moonpenny Daisy) .....                    | .10   |

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|                                                               |    |
|---------------------------------------------------------------|----|
| Clematus Paniculata. (Climbing vine, pure white flowers)..... | 15 |
| Coreopsis .....                                               | 10 |
| Daisy (Shasta) .....                                          | 10 |
| Delphinium. (Hardy Larkspur) Chinense, mixed.....             | 10 |
| Delphinium. Gold medal Hybrids, mixed .....                   | 25 |
| Delphinium. Belladonna (light blue) .....                     | 25 |
| Delphinium. Formosum. (Brilliant blue, white center) .....    | 25 |
| Dianthus. (Hardy garden pinks). Single mixed .....            | 10 |
| Dianthus. (Hardy garden pinks). Double mixed .....            | 10 |
| Dianthus Barbartus. (Sweet William). Mixed colors .....       | 10 |
| Digitalis. (Foxglove). Mixed colors .....                     | 10 |
| Gaillardia. (Blanket Flower) .....                            | 10 |
| Gypsophila Paniculata. (F. pc.) (Baby's Breath) .....         | 15 |
| Helianthus. (Hardy Sunflower double) .....                    | 10 |
| Hollyhock. Single mixed .....                                 | 10 |
| Hollyhock. Double mixed .....                                 | 10 |
| Iberis. (Hardy Candytuft, white.) .....                       | 10 |
| Lobelia Cardinalis. (Cardinal Flower). .....                  | 10 |
| Lupinus. (Lupin). Mixed .....                                 | 10 |
| Myosotis. (Forget-me-not.) .....                              | 10 |
| Papaver Nudicaule. (Iceland Poppy). Mixed .....               | 10 |
| Papaver Orientale. (Oriental Poppy). Mixed .....              | 10 |
| Phlox Hardy Perennial .....                                   | 15 |
| Pentstemon. (Beard Tongue). Mixed colors .....                | 10 |
| Pyrethrum. Mixed .....                                        | 10 |
| Stokesia. Mixed .....                                         | 10 |
| Veronica. Mixed .....                                         | 10 |

### PLANTS AND VINES FOR BEDS, BASKETS, VASES AND BOXES

These plants are carefully grown especially for us, and are thoroughly hardened off before being sent out. Our stock is the very best obtainable. All orders entrusted to us will have our personal supervision. Estimates for filling of boxes, etc., will be gladly furnished upon receipt of dimensions and kinds of plants desired, and where possible, we will send one of our men to make the estimate. At time of going to press, we are not in a position to quote definite prices, but they will range in neighborhood of prices given as follows:

#### GERANIUMS (Out of 4 inch pots)

|                                                               | Per Doz. | Per C.  |
|---------------------------------------------------------------|----------|---------|
| Beaute Poitevine. The most favorite pink.....                 | \$3.00   | \$23.50 |
| S. A. Nutt. Dark crimson scarlet, one of the best.....        | 3.00     | 23.50   |
| La Favorite. Best double white .....                          | 3.00     | 23.00   |
| Ricard. Glowing scarlet, large heads .....                    | 3.00     | 23.50   |
| AGERATUM. Blue (for borders and beds). .....                  | 1.25     | 8.00    |
| ALYSSUM. Little gem .....                                     | 1.25     | 8.00    |
| ANTIRRHINIUM (Snapdragon) all colors.....                     | 1.25     | 9.00    |
| ASTERS Separate colors and mixed. (Out of flats) .....        | .75      | 5.00    |
| BEGONIAS. Pink and red .....                                  | 1.25     | 9.00    |
| COLEUS. Red, yellow, or variegated .....                      | 1.25     | 9.00    |
| CANNAS .....                                                  | 3.00     | 23.50   |
| DRACAENA INDIVISA. (According to size). Each.....             | .50      | to 2.00 |
| FUCHSIAS .....                                                | .35      | .50     |
| HELIOTROPE .....                                              | 1.50     | 10.00   |
| MARGUERITE. (According to size). Each.....                    | .50      | to 2.00 |
| PANSIES .....                                                 | .75      | 5.00    |
| PETUNIAS. Single .....                                        | 1.00     | 7.00    |
| PETUNIAS. Double. Market price.                               |          |         |
| TRADESCANTIA. (Wandering Jew). Green, red and variegated..... | 3.00     | 22.50   |
| VERBENA (All colors) .....                                    | 1.00     | 7.00    |
| VINCA. (Varigated). 4in. pots .....                           | 3.00     | 24.50   |
| ZINNIAS. (Mixed colors) .....                                 | 1.00     | 7.00    |

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# MORAIO BROTHERS, RYE, N. Y.

## VEGETABLE PLANTS

(We grow most of our own. Quality unsurpassed.)

**CABBAGE** (Early Varieties, Ready April 15; late Varieties in June)

|                                                                     |        |      |
|---------------------------------------------------------------------|--------|------|
| Early Sorts—                                                        |        |      |
| Early Jersey Wakefield, Copenhagen Market.....                      | \$ .35 | 2.50 |
| Late Sorts—                                                         |        |      |
| Drumhead Savoy, Flat Dutch, Danish Ball Head, Mammoth Rock Red..... | .25    | 1.75 |
| <b>CAULIFLOWER</b> ; Ready in April                                 |        |      |
| Earliest Snowball .....                                             | .50    | 3.00 |
| <b>CELERY</b> (Transplanted Plants) Ready About June 15             |        |      |
| Early Sorts—                                                        |        |      |
| White Plume, Golden Self Blanching.....                             | .25    | 1.75 |
| Late Sorts—                                                         |        |      |
| Winter Queen, Woodruff's Beauty, Easy Blanching .....               | .25    | 1.75 |
| <b>EGG PLANT</b> , 2 1-2 in. POTS, Ready About May 15th             |        |      |
| Black Beauty, N. Y. Improved Spineless .....                        | .75    | 5.00 |
| <b>LETTUCE</b> (Transplanted) Ready About April 15th                |        |      |
| Big Boston, Wayabead, Mignonette .....                              | .25    | 1.50 |
| <b>PEPPER</b> , Ready About May 15th                                |        |      |
| Sweet Mountain, Bull Nose, Pimento, Chinese Giant.....              | .35    | 2.50 |
| <b>TOMATOES</b> (Transplanted Plants)                               |        |      |
| Earliana, Dwarf Champion, New Stone, Ponderosa, Acme.....           | .35    | 2.50 |
| Potted Plants of Earliana and Ponderosa.....                        | .75    | 5.00 |

## BULBS FOR SPRING PLANTING

|                                                                 |        |        |
|-----------------------------------------------------------------|--------|--------|
| <b>Cannas</b> . Red .....                                       | \$1.00 | \$6.00 |
| <b>Caladium</b> . (Elephant's Ear). Large size. 25c each .....  | 2.50   |        |
| <b>Dahlias</b> . (Mixed varieties) .....                        | 1.50   | 10.00  |
| Panama. Rich salmon pink, very large .....                      | 1.25   | 9.00   |
| America. Soft lavender pink .....                               | .75    | 5.00   |
| Halley. Delicate salmon pink, with red blotch.....              | .80    | 6.00   |
| Schwaben. Clear canary yellow, staining to sulphur.....         | 1.25   | 9.00   |
| Mrs. Francis King. Large brilliant vermilion scarlet.....       | .75    | 5.00   |
| Mrs. F. Pendelton. Flushed salmon pink, with maroon blotch..... | 1.25   | 9.00   |
| Peace. Large white, pale violet feathering on lower petals..... | 1.00   | 7.00   |
| Brencheyensis. Vermilion scarlet, large .....                   | .60    | 4.00   |
| Primulinus Hybrids. Mixed remarkable variety of colors.....     | .85    | 6.00   |

## INSECTICIDES AND FUNGICIDES

OR REMEDIES FOR PLANT DISEASES

WILL YOU KILL INSECTS OR WILL YOU LET THEM DESTROY  
YOUR PLANTS

DESCRIPTIVE BOOKLET FREE

### APHINE

The insecticide that kills plant lice of every description; thrip and red spider; a strong nicotine extract; dilute one part to 40 parts of water. 1-4 pt., 25c; 1-2 pt., 40c; pt., 65c; qt., \$1.00; gal., \$3.00.

### ARSENATE OF LEAD

(Paste form). A poison that has taken the place of Paris green. Its great advantages are that it adheres well to the foliage and does not readily wash off by rain and does not injure tender foliage. It also remains well suspended in solution, so that an even distribution can be obtained. It is white in color and shows just where it has been applied. Dilute 1 oz. to 1 gal. of water. Lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.50; 25 lbs., \$6.50

### ARSENATE OF LEAD (Powdered)

Superior to paste arsenate, stands suspension longer and has more covering capacity. 1-2 lb., 35c; lb., 65c; 5 lbs., \$2.75.

ALL PRICES SUBJECT TO CHANGE.

**BLACK LEAF 40**

A concentrated nicotine solution for spraying. 1 oz. bottle, 25c.

**BORDEAUX MIXTURE (in pulp)**

The supreme remedy against Fungus, Rust and Rot. 1 gallon makes 25 to 50 gallons of solution. Qt., 65c; gal., \$2.00.

**BORDEAUX MIXTURE (Powdered)**

Lb., 50c; 5 lbs., \$2.25.

**BORDEAUX—ARSENATE OF LEAD MIXTURE**

A combined fungicide and insecticide. For Apple and Pear Trees, Potatoes, Melons and Cucumbers, also splendid for Roses, keeping them free of mildew, black spots and insects. Three ozs. to 1 gal. of water. Lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.50.

**COPPER SOLUTION (Liquid)**

For Fungus, Mildew, Leaf Blight, Rust and Black Rot. Qt., \$1.25; gal., \$3.50.

**CUT WORM KILLER**

Kills worms. Simple and easy to use. Lb., 35c.

**FISH OIL SOAP**

Recommended as a summer and winter wash for scale and all insects. Lb., 35c.

**HELLEBORE**

For currant worms and sucking insects. 1-2 lb., 35c; lb., 65c.

**KEY DUSTER GUN**



Key Duster Gun in Use

The new quick and easy way of using insecticides and fungicides in the cartridge. No handling or mixing of chemicals and without the use of water. Pull out the handle and unscrew barrel, insert the cartridge and rescrew barrel tight.

The gun is ready to use by moving the handle forward and back as far as it goes; about two strokes required to start the gun operating. The gun automatically opens the cartridge and applies the materials to the foliage.

Filling the long felt want for  
**HOME GARDEN, SMALL ORCHARD**

Simple and complete spraying calendar packed with each gun.

Price of Gun complete \$3.00

Price of Cartridge B. A. for Vegetable and Small Fruit.....15 cents each  
L. A. S. for Fruit.....15 cents each  
Hellebore (for Fruit and Vegetables when nearly ripe).....20 cents each

**KEROSENE EMULSION (Liquid)**

For plant lice and aphids. Also used as a dormant spray. Qt., 60c; gal., \$1.50.

**LIME SULPHUR SOLUTION**

A perfect scale and fungus destroyer, special for plum and peach trees, which need fall and spring treatment. Cures peach leaf curl. Qt., 40c; gal., \$1.00; 5 gals., \$3.50.

**LIME SULPHUR (Dry)**

This combination is a most effective remedy for scale or fungus troubles, used in fall and winter; dilute with water. Lb., 35c; 5 lbs., \$1.25.

**NICO-FUME TOBACCO PAPER**

For fumigating purposes. This is the strongest tobacco paper on the market. Will not injure the most tender blooms. Packed in friction-top tins. 24 sheets, \$1.25; 144 sheets, \$5.00.

**PARIS GREEN**

For potato bugs and other leaf-eating insects. 1-4 lb., 20c; 1-2 lb., 35c; lb., 65c; 5 lbs., \$3.00.

## MORAIO BROTHERS, RYE, N. Y.

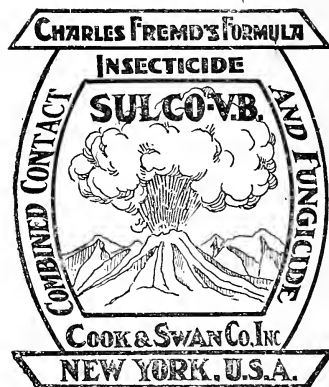
### SLUG SHOT

One of the cheapest and best powders for destroying insects, especially on Cabbage. Lb., 20c; 5 lbs., 60c; 10 lbs., \$1.10.

### SULCO—V. B. (Originally made in Rye, N. Y.)

A combined contact insecticide and fungicide of unusual merit for the control of San Jose and other scale insects—Aphis, White Fly, Pear Psylla, Red Spider, Red Bug, Leaf Blister, Mite, Thrips, Citrus Rust Mite, Cabbage Lice and Fungus Spores causing Peach Leaf Curl, Brown or Ripe Rot of peach and other stone fruits, apple and pear scab, smutt and mildew on various plants, etc. etc.

qt. 75c, gal. \$2.50



### TOBACCO DUST (Dry)

For fumigating and dusting plants affected with aphid; also used on melons and squash. Lb., 15c; 5 lbs., 50c; 10 lbs., 85c.

### TREE TANGLEFOOT

The best remedy against caterpillars and all tree crawling insects. 1 lb., 50c; 3 lbs., \$1.45; 10 lbs., \$4.50.

### TUBER-TONIC

A combination of Bordeaux Mixture and Paris Green, in powder form for potato spraying. 1 lb. pkgs., 45c; 5 lbs., \$2.00.

### WHIZ FLY SPRAY

Used as a spray; will relieve cattle, mules, horses and dogs from the effects of flies, gnats and mosquitoes. Qt., 65c; gal., \$2.50.

### WEED DESTROYER (Saves lots of hard work)

For clean paths and gutters. use Weed Destroyer. Used to destroy, Ivy, weeds, or grass in paths among cobble or brick gutters, or anywhere that vegetation is not wanted. To be diluted at the rate of one gallon of Weed Destroyer to 30 or 40 parts of water. The best time to apply is shortly after a rain. Qt., 60c; gal., \$1.75; 5 gals., \$7.00.

## HIGH GRADE FERTILIZERS FOR EVERY PURPOSE

WE LIST ONLY THE VERY BEST AND MOST MODERN KINDS

### GENERAL GARDEN FERTILIZER

This fertilizer is for general use, especially adapted for the vegetable garden. 100 lb., \$3.50; 500 lbs., \$16.50; ton, \$61.00.

### BONE MEAL (Fine Ground)

Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high class fertilizer is needed. 100 lbs., \$4.50; 200 lbs., \$8.50; ton, \$75.00.

### POTATOE MANURE

Especially prepared for potato crop. 100 lbs., \$4.50; 500 lbs., \$21.25; ton, \$75.00.

### LAWN FERTILIZER

For use on lawns in Spring or Fall as a top-dressing. 100 lbs., \$3.00; 500 lbs., \$13.75; ton, \$50.00.

### LAWN AND GARDEN FERTILIZER

A mixture that is excellent for both flowers and vegetables. 100 lbs., \$3.25; 500 lbs., \$15.00; ton, \$55.00.

### SPECIAL GARDEN FERTILIZER (Best on the Market)

Superior to all other fertilizers, being rich in ammonia, phosphoric acid, and potash. Very well balanced. 100 lbs., \$5.00; 500 lbs., \$23.75; ton, \$90.00.

ALL PRICES SUBJECT TO CHANGE,

## MORAIO'S CATALOG FOR 1920

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### SPECIAL LAWN FERTILIZER

When an unusually early lawn is desired in the spring, try this brand, and we guarantee you will be pleased with the results. 100 lbs., \$5.00; 500 lbs., \$23.75; ton, \$90.00.

### SHEEP MANURE, PULVERIZED

A pure, natural, nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil for greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. 100 lbs., \$3.25; 500 lbs., \$15.00; ton, \$55.00.

### DAVIDGE'S MANURE (Concentrated)

A preparation of sheep manure, blood and bone. Very effective for use on lawns, vegetable gardens and house plants, and is absolutely orderless. 100 lbs., \$5.00; 500 lbs., \$23.75; ton, \$70.00.

### LIME, Agricultural, Hydrated

This lime is specially prepared for use on the soil and is a combination of calcium hydrate and calcium carbonate, finely pulverized. 100 lbs., \$1.50; 500 lbs., \$6.75; ton, \$25.00.

### SALT

For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds in early Spring. Market price.

### NITRATE OF SODA

(Market Price.)

PRICES ON ALL FERTILIZERS SUBJECT TO MARKET CHANGES

## IRON AGE

### NO. 1004 WHEEL PLOW AND CULTIVATOR

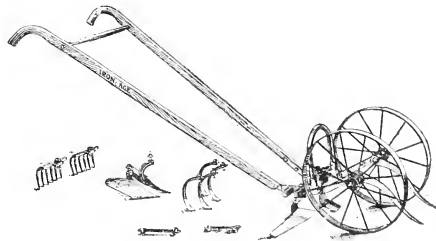


Price \$6.00

A popular tool of great strength. This tool will do plowing in light soils, and will open furrows for seed or fertilizer. Cannot be excelled as a one-wheel cultivator. Has two sizes of single teeth for work in narrow rows, scuffle hoe, set of three teeth on a bracket and a landside plow. Landside fitted on the plow acts as a guide, absolutely necessary if you expect to make a clean cut furrow, to stay in the ground and do a real job. The 24-inch wheel travels over rough ground easily. Has long hardwood handles, adjustable for height, with full plow-shaped grips. Includes for \$6.00 all parts shown in cut.

### NO. 926 COMBINED DOUBLE AND SINGLE WHEEL HOE

Can be made into single wheel hoe in one minute. Cultivates astride the row close up on each side without injury to the plants. The high wheels make it an easy running machine. Includes for \$14.00 all parts shown in cut.



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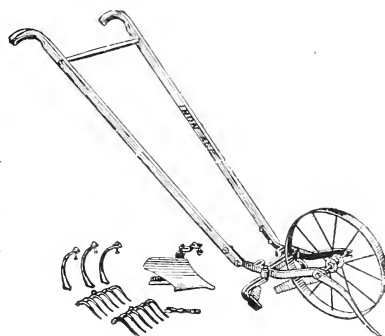
ALL PRICES SUBJECT TO CHANGE.

# MORAI O BROTHERS, RYE, N. Y.

## No. 894 SINGLE WHEEL HOE

Tools include side hoes, cultivator teeth, rakes, and landside plow, seeder attachments for drill and hill or drill only can be applied any time. A very handy tool. Includes for \$12.00 all parts shown in cut.

Price \$12.00



## ACME LAWN MOWER (Low Wheel)

Has 8-inch open drive wheels. Solid steel improved cutter bar, 4 blades, 5 1-2 inch reel.

|       |        |        |        |
|-------|--------|--------|--------|
| Inch— | 14     | 16     | 18     |
| Each— | \$8.65 | \$9.10 | \$9.50 |

## WILL WEAR LAWN MOWER (High Wheel)

Semi-raised 10 1-2 inch drive wheels. Fine tempered steel blades, 6-inch reel diameter. Positively a first class mower and our best seller.

|       |         |         |         |
|-------|---------|---------|---------|
| Inch— | 16      | 18      | 20      |
| Each— | \$17.35 | \$18.15 | \$19.00 |

## LEVEL BALL-BEARING LAWN MOWER (High Wheel)

Has 10 1-2 inch raised open drive wheels with four tempered steel blades. Reel 6 inches in diameter.

|       |         |         |         |         |
|-------|---------|---------|---------|---------|
| Inch— | 14      | 16      | 18      | 20      |
| Each— | \$13.60 | \$14.45 | \$15.25 | \$16.50 |

## CRESTLAWN BALL-BEARING LAWN MOWER (High Wheel)

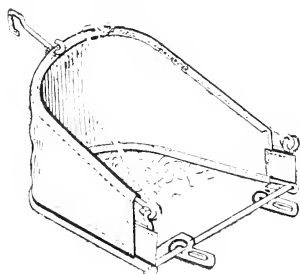
The easiest running and strongest lawn mower made. Eleven-inch drive wheels, reel 6 inches in diameter.

5 Razor Steel Blades, Self-sharpening

|       |         |         |         |
|-------|---------|---------|---------|
| Inch— | 16      | 18      | 20      |
| Each— | \$21.45 | \$22.30 | \$23.15 |

## NEW YORK GRASS CATCHER

Made of fine quality white duck. Heavy iron bottom.



| Wire frame |                 | Adjustable |  |
|------------|-----------------|------------|--|
| No.        | For mowers      | Each       |  |
| 10         | 12 to 16 inches | \$2.00     |  |
| 12         | 16 to 20 inches | \$2.25     |  |

## DOES YOUR LAWN MOWER CUT?

### IF NOT, TRY A LAWN RAZOR BLADE

instead of having it sharpened, for these reasons:  
1st. You do away entirely with the sharpening and adjusting.

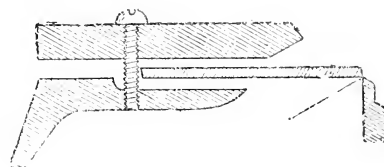
2nd. This blade has **four** cutting edges.

3rd. It reduces the friction in the running parts of the machine, such as the gears and pinions.

4th. This blade on account of being set against the rotating knives, at all times acts as a lever on the mower and saves the wear on the bearings.

5th. The machine is made shock proof on account of the yield in the blade. For example, if the machine should strike a spike or wood driven in the ground, the blade will give, take up the shock, and return to its original position.

Directions are simple; any one can attach blades.



ALL PRICES SUBJECT TO CHANGE.

# MORAIO'S CATALOG FOR 1920

For hand mowers (12-inch to 20-inch) \$1.50 each.  
 For horse mowers (30-inch blades) \$5.00 each.  
 For Triplex mowers (set of 3 blades) \$15.00 per set.  
 For power mowers (any size up to 40-inch blades) \$10.00 each.

## CYCLONE TRELLIS WIRE

Galvanized before weaving. Cross wires No. 9, cables No. 13 wire. 165 lineal feet in a roll, 18 inches.

Per lineal foot.....12c

Per roll .....\$16.00

## PERFECTION FLOWER BED GUARD

Galvanized after weaving. No. 9 and 10 wires. In rolls of 150 lineal feet.

16-in. 22-in.  
 Per lineal foot .....15c 17c

Per roll .....\$20.00 \$23.75

## HEXAGON POULTRY NETTING

Galvanized after weaving. 150 lineal feet in a roll.

Widths (2-in. mesh)—  
 12" 18" 24" 36" 48" 60" 72"

Per lineal foot—  
 2½c 3c 4c 5½c 6c 7½c 8½c

Per roll—  
 \$3.50 \$3.60 \$4.55 \$6.25 \$8.25 \$9.35 \$12.40

Widths (1-in. mesh)—  
 12" 18" 24" 36" 48"

Per lineal foot—  
 4c 5½c 7c 9c 12c

Per roll—  
 \$4.95 \$7.15 \$9.10 \$12.40 \$16.50


## COOPER HOSE MENDER

Made of Brass tubing. Requires no wiring. 3-4-inch and 5-8-inch. sizes, 15c each; \$1.50 per doz.


## BRASS HOSE CLAMPS, 3-4-inch.

Wrought metal, with bolt. 10c each, 90c per doz. 5-8-in., same price as above.

## BRASS HOSE COUPLINGS

 3-4-in., 30c each, \$3.25 per doz. 5-8-in., same price as above.

## HOSE NOZZLES

 Cast brass.

For 3-4 inch hose. Will throw solid stream or spray; also shut off. Each, 90c; doz., \$10.25.

## RUBBER HOSE WASHERS

For 3-4 inch nozzle. Per doz., 10c; per hundred, 60c.

## WATERING POTS (Good grade)

Size— 8 qt. 10 qt. 12 qt. 16 qt.  
 Each— \$1.40 \$1.60 \$1.80 \$2.00

## WOTHERSPOON WATERING POTS

Hand made, extra quality.  
 Brass tips and two copper faced roses

with each can. One coarse and the other fine.

Size— 6 qt. 8 qt. 10 qt.  
 Each— \$3.75 \$4.75 \$5.50

## GARDEN HOSE

Revero moulded hose. Positively the best hose on the market. We stand back of every piece we sell.

50 ft., \$12.50; 100 ft., \$24.00.

Standard Garden Hose:

5 ply—50 ft., \$9.00; 100 ft., \$17.50.

7 ply—50 ft., \$11.00; 100 ft., \$21.00.

Red rubber hose:

5 ply—50 ft., \$10.00; 100 ft., \$19.00.

## GARDEN HOSE REELS

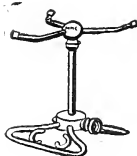
All metal tubular frame. Corrugated, galvanized steel drum. Tubular steel wheels. Heavy capacity, 100 ft. of hose, \$6.00 each; capacity 150 ft of hose, \$6.75 each.

## NO. 10—RING LAWN SPRINKLER

Sheet brass, 8 inches in diameter.

Each .....\$1.25

## NO. 21—LAWN SPRINKLER



10 inches high. Combination of vertical spray coming from the perforated head, with streams thrown by the three arms. Head, arms and upper stem brass, nickel plated.

Malleable iron sleds. Japanned.

Each .....\$3.25

## NO. 12—LAWN SPRINKLER

24 inches high.

Brass head and arms.

Malleable iron sleds, japanned.

Each .....\$2.75

## WATER WEIGHT LAWN ROLLERS

Can be filled with water or sand.

Weight Filled Filled  
 Sections empty with water with sand

Each  
 1 75lbs. 300lbs. 500lbs. \$21.50  
 1 125lbs. 500lbs. 800lbs. \$28.25

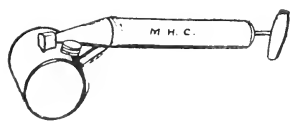
## NO. 109—BUCKET PUMP

Working parts all brass, including cylinder, plunger tube, valves, valve seats and cages. Handle and foot rest malleable iron. Equipped with 3 feet 3-8 inch hose with spray nozzle.

Each .....\$6.25

ALL PRICES SUBJECT TO CHANGE.

MARVELOUS SPRAYERS

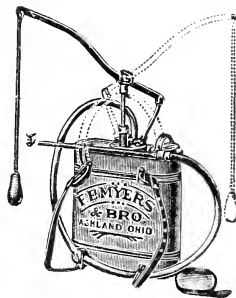


CONTINUOUS SPRAYER

Sheet tin. Gives a uniform, continuous spray on both strokes of the plunger. For spraying Paris green, etc. Capacity, one quart.  
Each ..... \$1.25

"IMPERIAL" KNAPSACK SPRAYER

The tank holds five gallons. The handle lever can be shifted from right to left shoulder at will. The above is fitted with 5 feet of 1-2 inch hose, pipe extension and Bordeaux Spray Nozzle. Price with Tank of Galv. Iron.....\$18.00  
Price with Tank of Copper.....\$29.00



"IMPERIAL" KNAPSACK SPRAYER

UTILITY KNAPSACK SPRAYER

Can be operated in one's natural position. It holds 3 1-2 gals. and measures 7 1-4 by 20 inches. The tank is made of heavy galvanized iron or brass. Has a patented ball nozzle of highest efficiency.

Galvanized ..... \$9.00  
Brass ..... \$14.00



NO. 1—GARDEN LINE REELS

Malleable Iron, Japanned Regular Size.  
Each ..... \$1.15



NO. 48—GARDEN LINE HEMP

50 feet in a hank  
Each ..... \$1.05

LABORERS' CANAL BARROW

The handles and legs are made of 2 inch Maplewood. Tray 18 inches wide on bottom. Wheel 16 inches.

Full bolted. No. 4. Wood wheel.  
Each ..... \$5.00

GARDEN BARROWS

Painted and varnished.

| No. | Handles | Each   |
|-----|---------|--------|
| 3c  | 60in.   | \$7.50 |
| 4d  | 60in.   | \$8.35 |
| 5c  | 63in.   | \$9.15 |

ROUND POINT SHOVELS

Either long or short handle  
Acme Brand ..... \$1.95 each  
Ames Brand ..... \$2.45 each

SPADES

Either long or short handle  
Acme Brand ..... \$1.95 each  
Ames Brand ..... \$2.45 each

GARDEN HOES

No. 207—6, 7 and 8 inch steel blades.  
Each ..... \$1.00

WARREN HOE

Steel Blades  
Each ..... \$1.00  
Each ..... \$1.45

NO. 234—ONE PRONG ONION HOE  
Cast Steel

Each ..... \$0.70

NO. 235—TWO PRONG ONION HOE  
Cast Steel

Each ..... \$0.70

NO. 400—POTATO HOOK

Solid steel. 4 flat tines. Bent head.  
Each ..... \$1.35



# MORRIS'S CATALOG FOR 1920

## POTATO HOOK

Solid steel. 6 round tines. Goose neck.  
Each ..... \$1.60

## NO. 285—LAWN WEEDER

For extracting weeds from grass plots,  
etc.

Each ..... \$0.85

## STEEL GARDEN RAKES

Full polished. Gold bronzed head.

|        |     |        |        |        |
|--------|-----|--------|--------|--------|
| Teeth— | 10  | 14     | 16     | 18     |
| Each—  | 95c | \$1.15 | \$1.25 | \$1.40 |

## LAWN RAKES

|                      |        |
|----------------------|--------|
| Steel bow, each..... | \$1.00 |
| Wood bow, each.....  | \$0.80 |

## WIRE LAWN RAKES

All steel, tinned. With handles.

Each ..... \$1.10

## SPADING FORKS

Long or short handle. 11 inch angular  
tines, forged from crucible steel.

|                          |        |
|--------------------------|--------|
| Each .....               | \$1.70 |
| Each (extra heavy) ..... | \$2.25 |

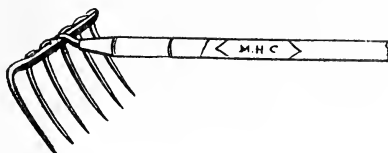
## HAY FORKS

3 oval tines, 12 inches long. Gold  
bronze finish.

Each ..... \$1.50

## MANURE FORKS

Long or Short Handle.....\$1.75 Each



## NO. 5—SPADING FORK

Malleable Iron.  
Four 4½ inch, half

polished tines.

Each ..... \$2.50

## NO. G—GEM SPADE

Three prong, hand forged steel tines.  
Polished handles.

Each ..... \$5.00

## NO. 17—WEEDING HOOK

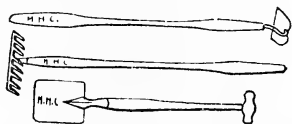
Malleable iron, tinned. Enamelled  
wood handles.

Each ..... \$1.50

## NO. 0—MAGIC WEEDER

Three steel tines, tinned. Black  
enameled handle.

Each ..... \$1.50



## NO. 412—LADIES' GARDEN SET

Three piece steel.

Per set ..... \$2.25

## NO. 422—LADIES' GARDEN SET

Four piece steel.

Per set ..... \$3.10

## NO. 55 CULTIVATOR

A perfect hand garden weeder and  
pulverizer, with wheel plow attachment.  
Detachable handle. 5 forged steel  
prongs.

Each ..... \$1.50

## NO. 11—MIDGET WEEDER

3 tempered spring steel prongs. 9 inch  
handle. Each ..... \$0.60

## NO. 115—LADIES' FLOWER TROWEL

Each ..... \$1.15

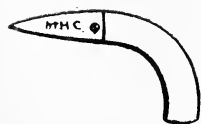
## NO. 809—GARDEN TROWEL

Each ..... \$3.35

## NO. 135—GARDEN TROWEL

6 inch. Solid socket. Forged steel.  
Full polished. Grip handle.

Each ..... \$1.00



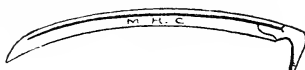
## NO. 20—IRON DIBBLES

Wood Handle.  
Regular Size.

Each ..... \$0.65

## NO. 94—ASPARAGUS KNIFE

Drop forged cutlery steel blade. V-  
shaped point, ground. Each ..... \$0.75



## CHIEF GRASS No. 1—BIG SCYTHE

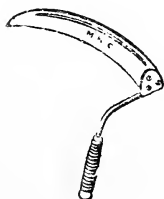
Made from highest grade English steel.  
Polished web. Double rib. Each.....\$2.50

## SCYTHE SNATH

Each ..... \$1.65

## ENGLISH GRASS HOOKS

High grade steel blade. Riveted back  
and tang. Each.....\$0.85



## LITTLE GIANT NO. 35—LITTLE GIANT GRASS HOOK

Tempered steel  
blade, ribbed back.  
Green enamel finish.  
Black enamel han-  
dle.

Each ..... \$0.75

ALL PRICES SUBJECT TO CHANGE.

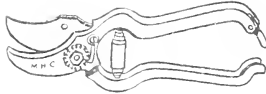
# MORRIS BROTHERS, RYE, N. Y.

## LOPPING SHEARS

Blades made from tool steel. 26 inch handles. Will cut 1 1/4 in. sticks easily. Each ..... \$1.75

### NO. 11—PRUNING SHEAR

California pattern with ratchet nut. Tempered steel blade. Each.....\$2.00



## COMPOUND LEVER PRUNER

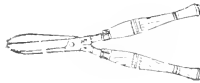
Working parts being made from forgings are very strong, without being unnecessarily heavy, and the strength, durability, easy cutting qualities of this tool appeal to all who have occasion to use a strong and powerful pruner. 10-foot length ..... \$6.25

### NO. 85—LEVEL BRAND PRUNING SAWS

Double edge. Cast steel blade, polished. Each (18 inches) .....\$1.50

### WILL WEAR HEDGE SHEARS

Tempered crucible steel. 9 in. blades. Notched. Polished. Warranted. Each ..... \$2.65

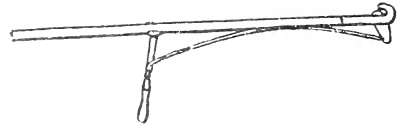


### WILL WEAR BORDER SHEARS

Tempered steel blades. Polished. Warranted. No. 104, without wheel, each \$4.25; No. 105, with wheel, each \$4.50.

## STANDARD TREE PRUNERS

Will cut large boughs or the smallest twig. Length, 10 feet. Each.....\$2.25



### NO. 545—WILL WEAR GRASS SHEAR

Trowel shank handle. High grade tempered steel blades. Full polished.

Each ..... \$85

### WILL WEAR CUTTER MATTOCKS

Tempered tool steel. Complete with handle. Each ..... \$2.50

### NO. 45—WILL WEAR PICKS

Tempered tool steel. One end flat, one pointed. Complete with handle.

Each ..... \$2.25

### TURF EDGER (Best grade)

Cast steel blade, bronze finish shank. Each ..... \$1.30

## DAHLIA POLES

Painted green. White tops.  
Feet— 2 3 4 5 6  
Per dozen— 75c \$1.10 \$1.50 \$2.25 \$2.75

## PLANT STAKES

All Green. Tapered.  
1 1/2 feet long.....per doz \$3.00  
2 feet long.....per doz .50  
3 feet long.....per doz .85  
4 feet long.....per doz \$1.30  
5 feet long.....per doz 1.70

## PLANT LABELS (Wood)

| Size   | Unpainted |          | Painted |          |
|--------|-----------|----------|---------|----------|
|        | Hundred   | Thousand | Hundred | Thousand |
| 1 in.  | \$25      | \$1.25   | \$30    | \$1.75   |
| 5 in.  | .30       | 1.75     | .35     | 2.40     |
| 6 in.  | 40        | 2.50     | .45     | 2.00     |
| 8 in.  | .80       | 6.00     | .85     | 7.50     |
| 10 in. | .90       | 8.00     | 1.05    | 9.25     |
| 12 in. | 1.00      | 9.00     | 1.20    | 11.00    |

We carry many items in stock, but space will not permit us to list everything here. If you are in need of anything not listed, ask us about it, and we will gladly quote you the price on same.

ALL PRICES SUBJECT TO CHANGE.

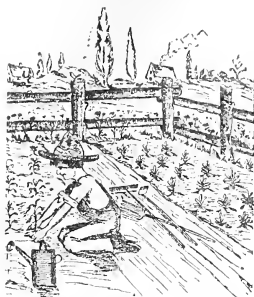
# Moraio Brothers

EVERYTHING FOR THE

## Lawn and Garden

Seeds, Bulbs,  
Plants, Lawn  
and Garden  
Supplies,  
Fertilizers  
and  
Insecticides.

*Tel. Rye 764 Purchase Street Rye, N. Y.*



Plant Morais's Seeds

PLEASE WRITE YOUR NAME AND ADDRESS PLAINLY

Name .....

Address in Full.....  
(Please give name of street, number, etc.)

County..... State.....

Superintendent or Gardener.....  
(For our mailing list)

AMOUNT ENCLOSED.

Check \$: . . . . .

Express M. O. \$.....

Cash, Stamps  
or Otherwise \$.....

Date . . . . . 1920

QUANTITY

ARTICLES

PRICE

[illegible]

# Nursery Department

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Due to the enormous demand upon us for TREES, SHRUBS, EVERGREENS, PERENNIALS and HARDY PLANTS of every kind during the past two years, we have found it necessary to give special attention to this line, and add to our business this department, "NURSERY."

We wish to specify here that we have no nursery of our own at present, but have made arrangements with large growers to select our own stock to supply our needs. All orders entrusted to us will be assured of our most careful selection and prompt attention.

If you are planning to do planting of any kind this Spring or in the future, bear us in mind. It will be a pleasure for us to go over the matter with you. Personal interviews may be arranged by appointment. Do not hesitate to call on us at any time, as we are ALWAYS AT YOUR SERVICE.

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## Moraio Bros.

EVERYTHING FOR THE LAWN AND GARDEN

Purchase St., Rye, N. Y.

# Morais's

Tested  
Seeds, Bulbs  
and Plants

## 1920

